



Dear Customers,

Festool offers you maximum benefits for any application under the motto "No Compromises!": sophisticated machines plus the bonus of innovative system accessories. These requirements also apply to the new Festool catalogue, which offers improved benefits because it guides you more quickly, easily and reliably to the right page. We have its optimised layout and structure so that you can locate Festool tools and their accessories more easily. Completely in line with our system philosophy.

This new catalogue includes new products, together with established ones that have already set the highest standards. New innovations and improvements supplement our proven product range: from the first generation of Festool C 12 cordless drills with EC-TEC to the large TS 75 plunge-cut saw and the new, compact ROTEX RO 125, to name but a few. All new Festool products were developed with a single objective in mind: making your daily work easier.

Every new product manufactured, whether tool or accessory, confirms the Festool promise of developing tools exclusively for the toughest demands. This promise also includes additional features such as Festool Customer Service and the 1+2 guarantee. Festool always offers you that something extra.

We hope you enjoy the new Festool Catalogue 2005/2006 and wish you every success with both new products and established solutions.

On behalf of the Festool team

Michael Bayer
Head of Marketing

Horst Geiger
Head of Sales

A better solution

Whatever materials you work on with a Festool machine and whatever tasks you are confronted with, one thing is sure: you will finish the job more quickly, easily and reliably. Why? Because for decades our focus has been exclusively on the requirements of professionals in the woodwork, painting and automotive industries. This is how we have developed tools and system solutions for the toughest demands!



Woodworking

- Over 40 years of guided cutting with portable circular saws and guide rails.
- PRECISIO bench-mounted trimming saws with cutting depths of 50/70 mm.
- SYMMETRIC patented compound mitre saw.
- Optimum quality for any task, whether with orbital sanders, eccentric sanders, ROTEX, rotary sanders, linear sanders or belt sanders.
- Edge routers, precision routers, VS 600 jointing system and MFS multi-routing template.
- Cordless drills and accessories for both specialist and DIY: ranging from the C 12 and the CENTROTEC rapid tool-change system to countersink drill bits with a limit stop.
- Healthy, safe work with Festool mobile dust extractors, **now also with a HEPA filter.**




Painting

- Coarse, intermediate, fine sanding and polishing: tools and accessories all from one source.
- Maximum quality for any task, whether with orbital sanders, eccentric sanders, ROTEX, rotary sanders, linear sanders or belt sanders.
- Only the inventor manufactures the real thing: the RUTSCHER and the ROTEX principle.
The ROTEX principle – three tools in one: coarse sanding, fine sanding, polishing.
- Matching system accessories, abrasives and detail solutions for even greater cost effectiveness, quality and efficiency. For example, the Jetstream principle for reduced abrasive consumption, vibration stop for exceptional smooth running during sanding and StickFix/PoliStick systems for quick abrasive changes.
- Maximum surface quality on wood, metal, mineral materials and other surfaces.
- Flexible, healthy and safe work with the range of Festool mobile dust extractors.



Automotive

- From preparation to finishing work: tools, abrasives and polishes from one source.
- Perfect polishing with rotary polishers or the ROTEX.
- Electrically powered orbital sanders, eccentric sanders and ROTEX for paint preparation on large and small surfaces.
- Pneumatic orbital sanders and eccentric sanders for workshops and production lines.
- Tools and working materials for a flexible and efficient workplace.
- Solutions for special tasks, such as aluminium sanding workplaces.
- Flexible, healthy and safe work with the Festool range of mobile and special dust extractors.

| | | | | | |
|--|------------|--|--|---|--|
| About us | 4 | Customised solutions Quality for customers Innovation with customers | page 4 page 6 page 8 | | |
| Drilling and screwdriving | 10 | Cordless drill C 12 with EC-TEC Cordless drills, TDK 12, TDK 15.6 Rapid charger LC 45 <i>CENTROTEC</i> ® system, screwdriver and drill bits | page 15 page 18 page 21 page 22 |  | |
| Sawing with jigsaws | 26 | Pendulum jigsaws <i>TRION</i> ®, PS 300, PSB 300 Pendulum jigsaw PS 200 Jigsaw blades | page 31 page 35 page 37 |  | |
| Sawing with portable circular saws | 40 | Plunge-cut saw TS 55 Plunge-cut saw TS 75 Pendulum cover saws AP 55, AP 65, AP 85 Building materials saw AXT 50 Circular saw blades | page 46 page 49 page 52 page 54 page 57 |  | |
| Semi-stationary sawing | 60 | Trimming saw <i>PRECISIO</i> ® CS 50 Trimming saw <i>PRECISIO</i> ® CS 70 Compound mitre saw <i>SYMMETRIC</i> ® SYM 70 | page 65 page 68 page 71 |  | |
| Semi-stationary work with Basis Plus | 76 | Basis Plus modules Basis Plus basic unit Basis Plus set Multifunction table MFT | page 83 page 86 page 87 page 91 |  | |
| Routing | 94 | Routers OF 1010, OF 1400, OF 2000 Multi-routing template/jointing system Edge routers OFK 500, OFK 700 Aluminium composite milling machine PF 1200 Cutters | page 100 page 112 page 116 page 119 page 121 |  | |
| Planing | 142 | One-handed planer EHL 65 E Planer HL 850 EB Planer blades | page 147 page 149 page 151 |  | |
| Sanding | 152 | <i>ROTEX</i> ® and eccentric sanders <i>RUTSCHER</i> ® and triangular sander <i>DELTEX</i> ® Linear sander <i>DUPLEX</i> ® Rotary and belt sanders Abrasives | page 163 page 175 page 184 page 186 page 198 |  | |
| Sanding with compressed air | 208 | Compressed air eccentric sanders LEX 2 Compressed air <i>RUTSCHER</i> ® LRS 93, LRS 400 Abrasives | page 214 page 216 page 198 |  | |
| Polishing | 218 | Rotary polisher RAP 80 Rotary polisher RAP 150 <i>POLLUX</i> ® rotary polisher RAP 180 Polish | page 223 page 224 page 225 page 227 |  | |
| Stirring, brushing, carpet removal | 232 | Stirrer RW 1000 Rustofix RAS 180 Carpet remover TPE | page 237 page 239 page 240 |  | |
| Dust extraction | 242 | Mobile dust extractors CTL MINI Mobile dust extractors CT Mobile dust extractors CT-HEPA Special extractors Filter bags | page 248 page 251 page 254 page 257 page 265 |  | |
| Guide systems | 266 | Guide rail FS/2 FS/2 with row of holes Dual suction pad <i>GECKO</i> ® | page 270 page 270 page 273 |  | |
| Workplace equipment | 274 | Boom arms ASA 2500, ASA 5000, ASA 6000 Energy box EAA Toolcenter TC 3000 plug-it Multi-function tool | page 279 page 279 page 280 page 283 page 283 |  | |
| <i>SYSTAINER</i>®, <i>SORTAINER</i>® and Systainer Port | 284 | <i>SYSTAINER</i> ® <i>SORTAINER</i> ® Systainer Port | page 288 page 290 page 291 |  | |
| Service | 298 | Service Online service Index General information | page 298 page 304 page 308 page 311 | | |

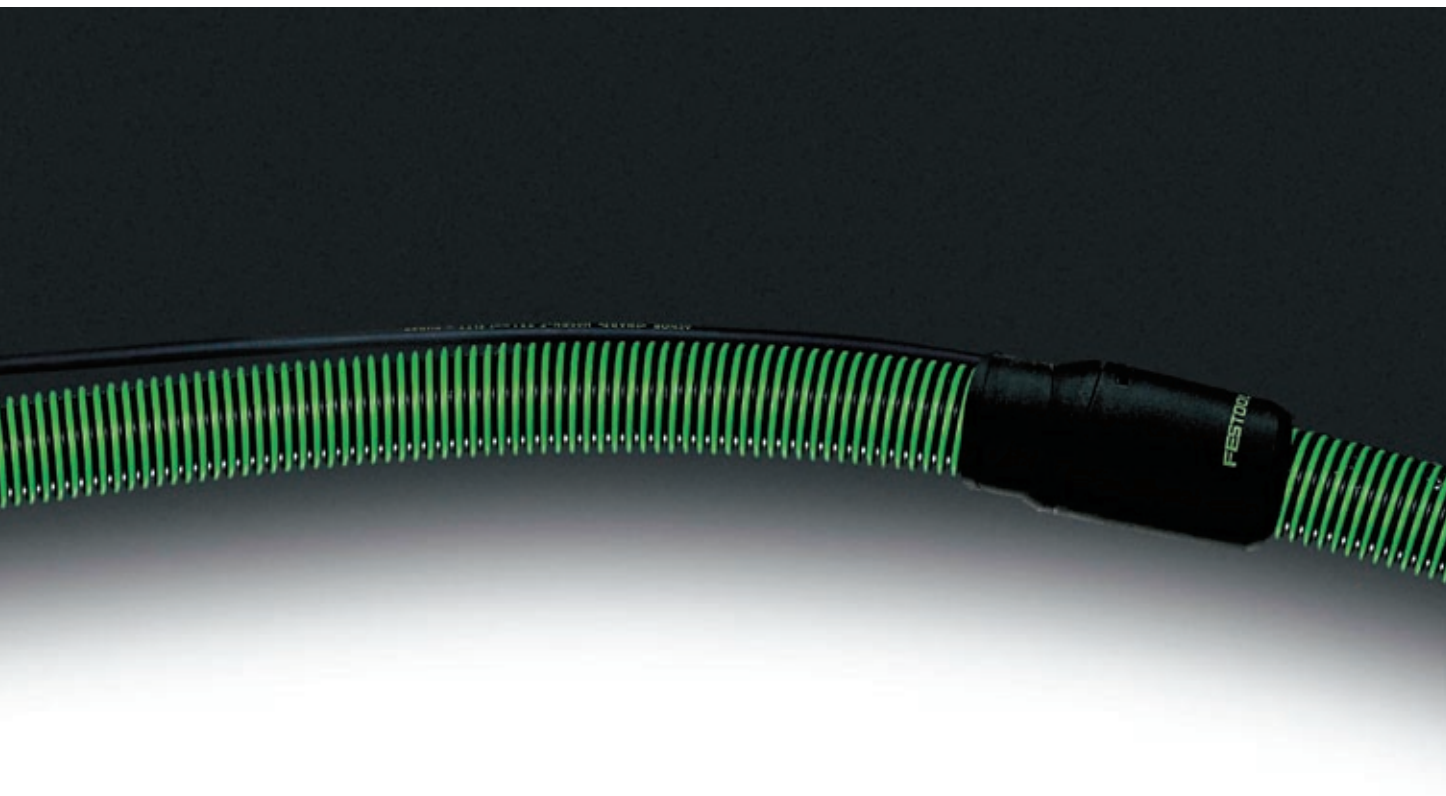


A better knowledge of practical use.

Festool is a brand like no other. More than 80 years of experience in the manufacture of electric power tools is not the only proof. Time and again Festool has developed solutions that both satisfy the toughest demands and offer additional benefits. Our main priority has always been to make work easier, while simultaneously increasing economic efficiency and this shall always remain part of our company philosophy. Examples of consistent implementation include the orbital

sanders, the ROTEX and the saw guide rail, where Festool set the pace of development and was one step ahead of the competition. We have our staff, but most of all our customers, to thank for this. Festool listens to customers, submits new products for practical testing at an early stage and is always open for the development of new ideas and improvements. The result is customised solutions for a wide range of tasks, for both trade and private customers with demanding requirements. And it is the sophisticated ergonomic





design, continual improvement in all areas, ongoing redevelopment, specifically adapted systems of accessories and auxiliary equipment, plus top quality - right down to the smallest screw - that make machines manufactured by Festool so unique. Whatever you want to find out about, whether precision and reliability of the tools; ease of use; or extensive service with our 1+2 guarantee; you will find it in this catalogue. Alternatively, pay a visit to your local specialist Festool dealer. They will be glad to give you ad-

vice and explain the benefits of each machine: please contact our office for details of your local Festool Shop or Festool Testcentre. If you have Internet access, you will find comprehensive information on all products and a host of tips and tricks for professionals on the Festool website (see back cover). Typically Festool: a better knowledge of practical use to make your daily work easier.

Improved practical use.





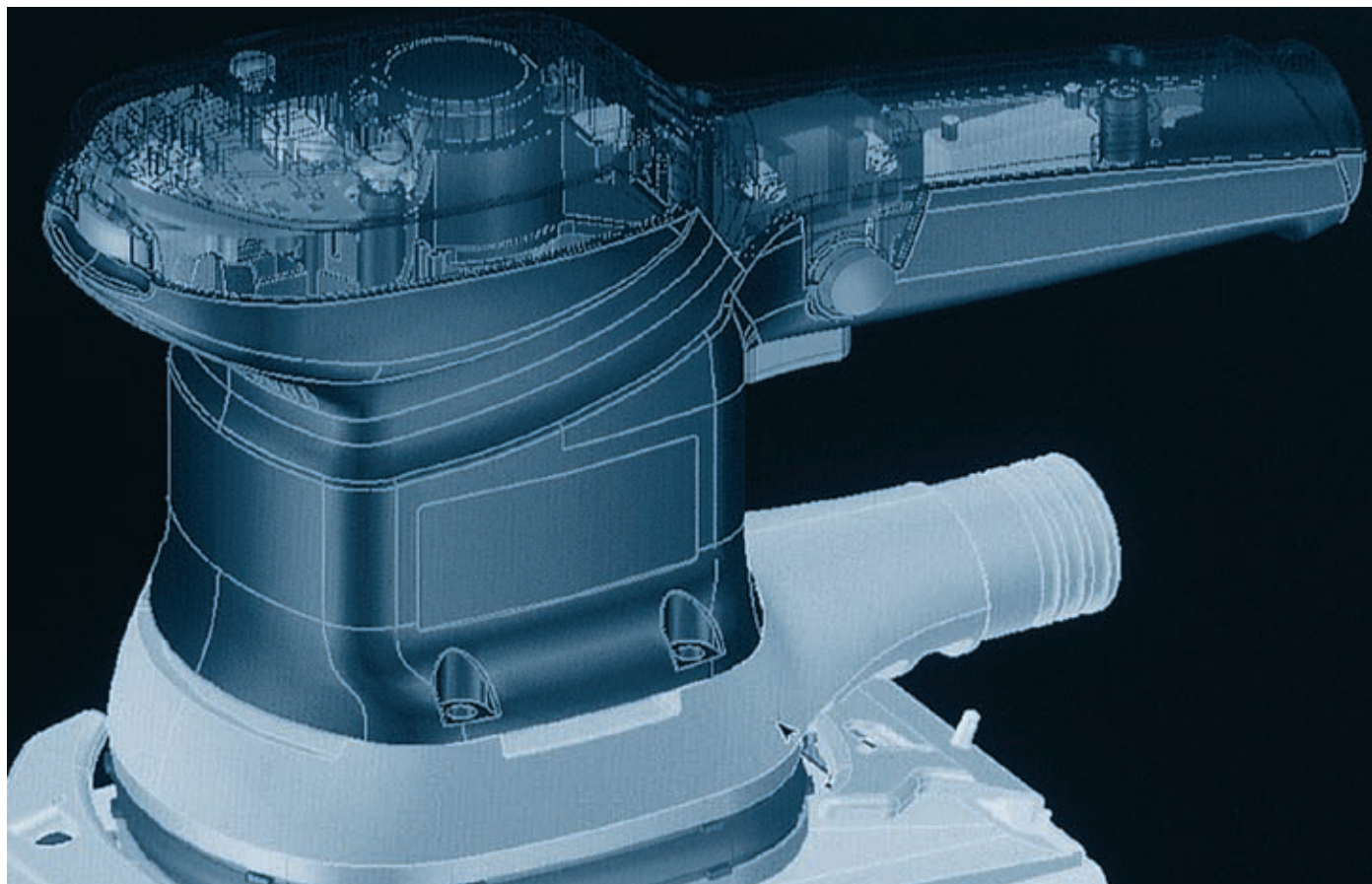
Robust. Long service life. Guaranteed.

Festool orbital sanders and portable circular saws that were purchased more than 30 years ago are still in use today.

This is no coincidence. Products from the Festool brand have always represented high quality. Maximum durability, robustness and low wear are fundamental characteristics of all Festool machines. Festool was the first power tool manufacturer to extend their statutory guarantee by two years, and not

without good reason. The well-known 1+2 guarantee also applies for industrial users. This quality guarantee not only means less hassle for customers with faulty tools, but also an increase in the efficiency of their daily work. Reduced repair costs, downtimes and reworking mean less money spent, and that's not just a promise, it's a guarantee. If your aim is to achieve perfect working results, then acquiring a high-quality machine is the first step. Another contributing factor here is that the ergonomics of the tool must be optimised to make your work more

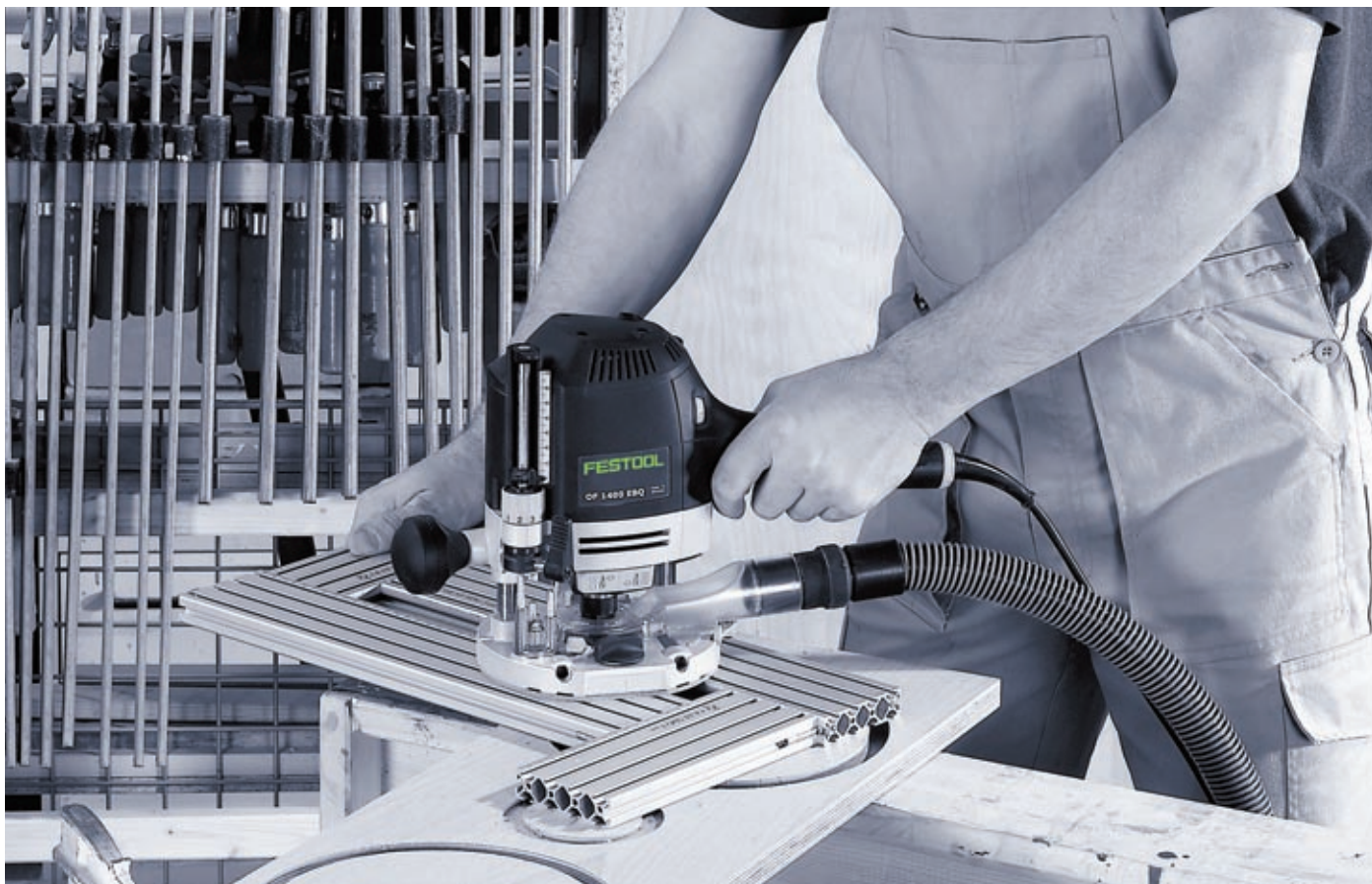




pleasant and easy. Festool machines satisfy both requirements. Each individual tool is designed to assist users with their work and is modelled based on the shape of the human hand and natural working movements. Circular saws, sanders and cordless drills are therefore easier to operate and fit snugly in the hand, thereby achieving our objective of ensuring non-tiring work while providing maximum safety. Festool always pledges to manufacture electric power tools that are not only reliable and robust, but also lightweight, safe and easy to operate.

Easier to use.

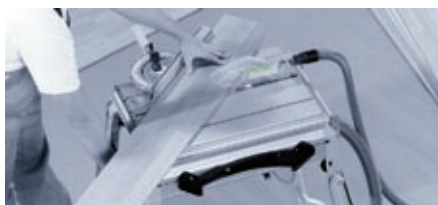




Innovative solutions.

Festool finds no satisfaction in performing just the basic functions eg cutting with a saw or planing with a planer, because nowadays commercial users and their customers expect a great deal more. Increased quality demands, new materials and pressure on costs require special holistic solutions, not ones that do the job in half measures. Nothing new for Festool, however, because we always listen to what professionals have to say and then we make those requirements a number one priority. Anyone who knows their customer's work is therefore also capable of building the best

tool for the job. Before introducing a new idea to the market, we at Festool consult our customers and allow them to try out prototypes, carry out intensive tests and make fine adjustments. Each machine then undergoes a practical test and an endurance test, both of which cost time and money. But this is the only way we can produce solutions that are actually needed and merit the Festool brand name in order to help you to work more quickly, easily and efficiently.





Festool machines already have a reputation for being outstanding tools. Durable, reliable, robust, safe and precise, they enable you to work efficiently while achieving the highest quality standards. Festool has every right to be extremely satisfied with its achievements. However, we feel compelled to go one step further and so have incorporated these into a system that enhances and improve the benefits of each individual machine. All components in this system are compatible, from accessories and machines to efficient dust extraction systems. This system concept ensures trouble-free work and a clean working

environment. Let's take our sanders as an example. All our products originate from one source: abrasives, sanding pads, machines, hoses and the mobile dust extractor. One additional benefit is that accessories from several generations of machine can often be used with the latest model and older machines can be upgraded. For example, the old and new guide rail are compatible with one another. Everything at Festool is integrated in a system.

More efficient in a system.



Decidedly different: Cordless drills by Festool.

Can a cordless drill get any better? Yes it can, because Festool always thinks one step ahead. This is why the TDK series and the C 12 are packed full of so many ideas: EC-TEC motor on the C 12, CENTROTEC, FastFix, new battery technology and the handy, lightweight design. For exceptional solutions that meet your requirements and help you tackle your daily challenges.



World First

in cordless drills.
The new motor technology:
EC-TEC® by Festool.

**Two tools, one philosophy:
Maximum handling comfort**

Page **12**

Accessories

Page **22**

Applications

Page **13**

Screwdriver and drill bits

Page **23**

The tools at a glance

Cordless drill C 12

Cordless drills TDK 12 and 15.6

Page **14**

The CENTROTEC® system

Page **23**



Drilling and screwdriving Cordless drills C 12 and TDK

Two tools, one philosophy: Maximum handling comfort.



The same applies to cordless drills as to all power tools: they are designed to make your daily work easier and therefore need to be handy, powerful and practical. Festool fits the bill exactly here with two series of cordless drills.

Who can find pleasure in performing assembly work where you have to continuously change between two or three



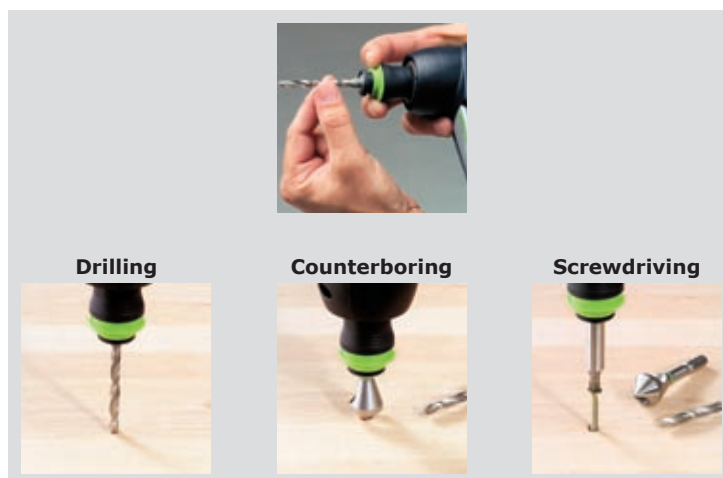
The TDK: A handy, lightweight powerhouse. The right tool for the job when the going gets tough.

tools or purchase a machine that has sufficient power but is simply too heavy or bulky? The C 12 and TDK were developed because Festool also asked this question. With an ergonomic shape, low weight, durable motors and the FastFix system, Festool cordless drills can tackle any



The C 12: Work comfortably in any position.

situation and help the user save energy. FastFix attachments and the ingenious CENTROTEC rapid tool-change system allow you to complete different tasks using the same tool: screwdriving around corners, working close to edges and rapid changes between drill bits, countersink bits and screwdriver bits.



The three main tasks in assembly: tool changes in an instant with the CENTROTEC rapid tool-change system.

FESTOOL THE SYSTEM



At Festool, we do not only think in terms of tools, but also in terms of systems so that you can work more quickly, easily and efficiently.



The CENTROTEC® system.

CENTROTEC - change between drill, countersink and screwdriver bits in seconds.

CENTROTEC from page 23






Screwdriver, drill bit system.

CENTROTEC and Novadrive: all compatible.

Screwdriver and drill bits from page 23

Application overview – Drilling and screwdriving

Cordless drills

| |  |  |  |
|---|---|---|---|
| | C 12 | TDK 12 | TDK 15.6 |
| Carpentry, joining, timber construction | | | |
| Kitchen fitting and furniture assembly | ● | ● | ○ |
| Attaching fittings, installing locks | ● | ● | ○ |
| Holes for dowels and fittings, up to 25 mm | ● | ● | ● |
| Holes for dowels and fittings, up to 35 mm | ○ | ○ | ● |
| Fitting rails and profiles | ● | ● | ○ |
| Frequent overhead work | ● | ● | ○ |
| Erecting fences, pergolas, carports, canopies | ○ | ○ | ● |
| Interior fitting, dry walling, trade fair construction | | | |
| Securing floor and ceiling profiles | ● | ● | ● |
| Studwork for floors/walls/roofs | ● | ● | ○ |
| Installing gypsum plasterboard | ● | ● | ○ |
| Using hole cutters | ○ | ○ | ● |
| Installing partition walls | ● | ● | ● |
| Painters, interior decorators, floor layers | | | |
| Securing floorboards | ● | ● | ○ |
| Fitting curtain rails and skirting boards | ● | ● | ○ |
| Stirring paint and varnish | ● | ● | ○ |
| Assembling and removing fittings | ● | ● | ○ |
| Fitting roller shutters and blinds | ● | ● | ● |
| Applications in other industries | | | |
| Removing vehicle parts | ● | ● | ○ |
| Electrical installations | ● | ● | ○ |
| Vehicle interior fitting (mobile homes, caravans, boats) | ● | ● | ○ |
| Metal construction | ● | ● | ● |
| Industrial series assembly (continuous shift work) | ● | | |

Polishing applications, see „Polishing“ section, page 221

○ Appropriate ○ Very appropriate ● Extremely appropriate



The FastFix® system.

Several tools in one: with FastFix attachments, the TDK and C 12 are well equipped for most applications.

FastFix attachments on page 22



The battery system.

High-performance batteries: from the lightweight, compact 1.3 Ah to the 3.0 Ah long-life battery.

Battery packs on page 22



The battery charging system.

No need to wait: rapid charging that also conserves the battery.

Charger, from page 21

Drilling and screwdriving

The tools at a glance

Cordless drill C 12

More lightweight, sturdy and durable.



Main applications

Applications in the following industries:

- Furniture assembly and kitchen fitting
- Carpentry/joinery and interior fitting
- Trade fair/metal construction and shopfitting
- Painting and interior decorating
- Bodyshops and paintshops
- Industrial use, fastening in series production

Strengths and benefits

- Brushless EC-TEC motor for a long service life and maximum efficiency
- **Ultra lightweight** and large fastening capacity with the compact battery pack
- **Maximum fastening capacity** and low weight with the standard battery pack
- Impressive ergonomics: Compact, lightweight and perfectly balanced
- FastFix interface for all FastFix attachments and CENTROTEC rapid tool-change system

More from page 15

| | |
|---------------------------------|-----------------------|
| Battery voltage | 12 V |
| Idling speed, 1st gear/2nd gear | 0–450/0–1500 rpm |
| Drilling diameter, wood/steel | 25/14 mm |
| Torque setting | 2–7 Nm/ |
| 1st/2nd gear | 0.5 – 2.5 Nm |
| Max. torque, wood/steel | 18/30 Nm |
| Chuck range | 1–13 mm |
| Capacity/Charging time approx. | 2.4 Ah S NiCd/50 min. |
| | 3.0 Ah S NiMH/70 min. |
| Weight with C NiCd | 1.5 kg |



Cordless drill TDK 12

Small tool for delicate tasks.



Main applications

Applications in the following industries:

- Furniture assembly and kitchen fitting
- Carpentry/joinery and interior fitting
- Trade fair/Metal construction and shopfitting
- Painting and interior decorating
- Bodyshops and paintshops

Strengths and benefits

- Compact dimensions and perfect weight distribution
- Handle with Softgrip: good ergonomics
- Compact gear mechanism and high-performance motor with replaceable carbon brushes
- FastFix interface for all FastFix attachments and CENTROTEC rapid tool-change system

More from page 18

| | |
|---------------------------------|-----------------------|
| Battery voltage | 12 V |
| Idling speed, 1st gear/2nd gear | 0–430/0–1400 rpm |
| Drilling diameter, wood/steel | 25/14 mm |
| Torque setting | 2–7 Nm/ |
| 1st/2nd gear | 0.5 – 2.5 Nm |
| Max. torque, wood/steel | 20/28 Nm |
| Chuck range | 1–13 mm |
| Capacity/Charging time approx. | 3.0 Ah S NiMH/70 min. |
| Weight | 1.8 kg |



Cordless drill TDK 15.6

Never has such a powerful tool been so small.



Main applications

Applications in the following industries:

- Carpentry/Joinery and interior fitting
- Timber construction and carpentry
- Fences, pergolas, carports, canopies
- Studwork
- Holes for dowels and fittings, up to 35 mm
- Also suitable for hole cutters

Strengths and benefits

- Compact dimensions and perfect weight distribution
- Handle with Softgrip: good ergonomics
- Compact gear mechanism and high-performance motor with replaceable carbon brushes
- FastFix interface for all FastFix attachments and CENTROTEC rapid tool-change system

More from page 18

| | |
|---------------------------------|-----------------------|
| Battery voltage | 15.6 V |
| Idling speed, 1st gear/2nd gear | 0–450/0–1500 rpm |
| Drilling diameter, wood/steel | 35/16 mm |
| Torque setting | 2–7 Nm/ |
| 1st/2nd gear | 0.5 – 2.5 Nm |
| Max. torque, wood/steel | 25/36 Nm |
| Chuck range | 1–13 mm |
| Capacity/Charging time approx. | 3.0 Ah S NiMH/70 min. |
| Weight | 2.1 kg |



Drilling and screwdriving Cordless drill C 12 with EC-TEC®

FESTOOL



World First

in cordless drills.
New motor technology:
EC-TEC® by Festool.

Decidedly different.

The shape makes it special and the inner mechanism makes it unique. The advanced EC-TEC motor, a world first among cordless drills, operates without carbon brushes and generates virtually no mechanical wear. Superior efficiency, outstanding durability and an extended service life bring you unlimited benefits.

DRILLING AND SCREWDRIVING

You can download the brochure for the C 12 from www.festool.com.au

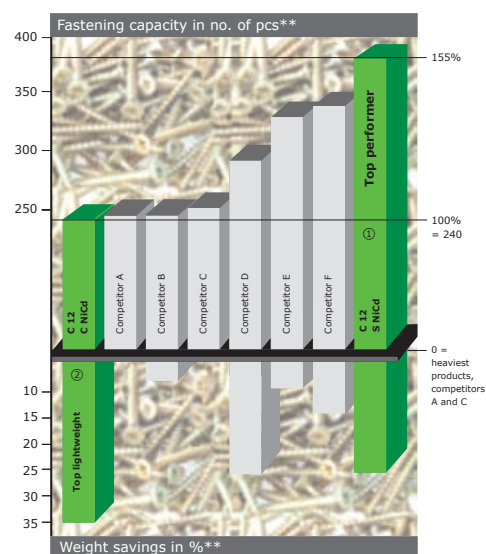


Compact with outstanding power.



The new C 12 can satisfy the toughest demands, even under industrial operating conditions, thanks to its extremely wear-resistant EC technology.

** Source: Festool Test Workshop 12/2004 – standard battery capacity of 2.0 Ah used in fastening tests. Spax 5 x 40 mm in pine.



EC-TEC always delivers a brilliant performance, increasing the fastening capacity of each battery by up to 55% and reduces the weight by up to 35%.

Drilling and screwdriving

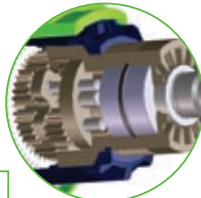
Cordless drill C 12 with *EC-TEC*® by Festool

More lightweight, sturdy and durable.

The C 12 is handy, robust, durable, powerful and equipped with a host of good ideas. Its unusual outer shell contains more than meets the eye. As well as the revolutionary EC-TEC motor technology, the machine includes many small details to assist you with your daily work.



CENTROTEC® tool chuck.
50% more compact and 80% lighter than standard drill chucks, the CENTROTEC tool chuck with Fastfix gives true-running precision that is ten times more accurate than a bit holder.



Compact and effective.

The torque preselector is integrated in the patented compact gear mechanism, saving space and achieving maximum transfer of force.



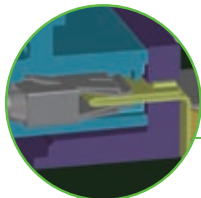
Delicate work.

42 settings (2 x 21) allow you to adjust the tightening torque perfectly for both large and small screws. Torque cut-out is activated electronically – with virtually no mechanical wear.



Practical bit store.

The magnets in the retaining grooves hold up to six bits in position, ready for use at all times.



Durable, not bulky.

Self-cleaning spring contacts for reliable contact. The battery pack remains reliable and a long service life is guaranteed. Fastening capacity of between 240 screws (C NiCd) and 560 screws (S NiMH) per battery charge.¹⁾



EC-TEC® motor.

Extremely efficient and lightweight, long service life and durable. An electronic temperature and voltage monitor with acoustic signal protect the motor and battery pack.



Ergonomically perfected.

The slim handle with Softgrip sits perfectly in your hand while work is carried out in any position. The handy size, low weight and optimum centre of gravity make work easier and limits the stress on your arm and joints.



Charged in a flash.

The technology of the LC 45 charger ensures controlled, conservation charging and guarantees a long battery pack service life.

¹⁾ Source: Festool Test Workshop 12/2004, Spax 5 x 40 mm in pine.

²⁾ in cordless drills.

Cordless drill C 12 – The different options

E = with electronics S = with SYSTAINER

| Model | E | S | Equipment/Scope of delivery | Order no. |
|----------------------------|---|---|--|----------------|
| C 12 CE-NC-C45-Plus | ● | ● | FastFix chuck, 13 mm, CENTROTEC tool chuck, CENTROTEC spiral wood drill bit D4, CENTROTEC bit holder, PZ 2 bit, spare battery pack C NiCd, charger LC 45 | 564173 |
| C 12 CE-NC45-Plus | ● | ● | FastFix chuck, 13 mm, CENTROTEC tool chuck, CENTROTEC spiral wood drill bit D4, CENTROTEC bit holder, PZ 2 bit, spare battery pack S NiCd, charger LC 45 | 564174 |
| C 12 CE-NC-C45 Set | ● | ● | FastFix chuck, 13 mm, CENTROTEC tool chuck, FastFix elbow adapter, FastFix eccentric adapter, CENTROTEC spiral wood drill bit D4, CENTROTEC bit holder, PZ 2 bit, spare battery pack C NiCd, charger LC 45 | 564176 |
| C 12 CE-MH45-Plus | ● | ● | FastFix chuck, 13 mm, CENTROTEC tool chuck, CENTROTEC spiral wood drill bit D4, CENTROTEC bit holder, PZ 2 bit, spare battery pack S NiMH, charger LC 45 | 564175 |
| C 12 CE-MH45 Set | ● | ● | FastFix chuck, 13 mm, CENTROTEC tool chuck, FastFix elbow adapter, FastFix eccentric adapter, CENTROTEC spiral wood drill bit D4, CENTROTEC bit holder, PZ 2 bit, spare battery pack S NiMH, charger LC 45 | 564177 |
| C 12 CE-NC45 Set | | | Scope of delivery same as C 12 CE-NC45-Plus, but includes elbow & eccentric adapters | 564174S |

C 12 – Handy, powerful and durable.



Remarkably modest.

The C 12 and its extremely efficient EC-TEC motor can insert up to 240 screws into pine in combination with the compact battery pack (C NiCd). A conventional cordless drill would require a considerably heavier battery pack.



As versatile as your work.

You can work quickly and comfortably in a wide variety of applications using the C 12. For example, installing windows, on-site assembly, trade fair construction, electrical installations, interior vehicle fitting and many more.



Work comfortably in any position.

Because of its ergonomic shape, the C 12 rests particularly snugly in your hand and is perfectly balanced in any position. This conserves your energy, whether you are working on the floor, the wall or the ceiling.



Controlled power.

The finely-tuned EC-TEC motor and the patented compact gear mechanism enable you to insert both large and small screws with minimum effort and without over-tightening or damaging the screw heads.



Comes out on top in tight situations.

Even in awkward positions, working with the C 12 requires minimum effort: In tight spaces, around corners or close to edges. Its extremely compact design and FastFix system attachments offer many benefits.



Get to grips with the benefits.

The shape of the C 12 is not only unique, but enables the user to apply force directly on the drilling axis. The C 12 sits snugly in your hand, so you don't have to waste time finding the best position.

Drilling and screwdriving **Cordless drills TDK 12 and TDK 15.6**



Never has such a powerful tool been so small.

At first sight, you will wonder how such a powerful T-shaped machine can be so compact. When you pick up Festool's new cordless drill for the first time, you will understand what the designers were aiming to achieve. Perfect handling and maximum torque epitomise the TDK 12 and the TDK 15.6.

You can download the brochures for the TDK 12 and TDK 15.6 from www.festool.com.au



Finesse not grandeur: the TDK relies on better technology.



TDK and CENTROTEC are also unbeatable when it comes to furniture assembly.



CENTROTEC transfers power perfectly to the screw, even if the fastening location is slightly further away.

Compact machine brimming with functions.

All under one roof. The TDK is setting the pace on the market for T-shaped cordless drills and offers a wealth of practical details that make your daily work easier.





CENTROTEC® tool chuck.
50% more compact and 80% more lightweight than standard drill chucks, the CENTROTEC tool chuck with Fastfix gives true-running precision that is ten times more accurate than that of a bit holder.



Compact and effective.
The torque cut-out is integrated in the patented compact gear mechanism, saving space and achieving maximum transfer of force.



Delicate work.
42 settings (2 x 21) allow you to adjust the tightening torque perfectly for both large and small screws.



Replaceable carbon brushes.
The carbon brushes are easy to replace and extend the service life of the high-performance motor.



Compact shape – secure grip.
A secure grip at all times: the compact design, perfect balance and handle with surrounding Soft-grip reduce the stress on your hand and joints.



Practical bit store.
The magnets on the retaining grooves hold up to four bits in place, making them close to hand at all times.



Durable, not bulky.
Self-cleaning spring contacts for reliable contact. They keep the battery pack reliable and guarantee a long service life and outstanding fastening capacity.



Charged in a flash.
The technology of the LC 45 charger ensures controlled conservation charging and guarantees a long service life for the battery pack.

Cordless drill TDK – The different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|---|---|---|---|---------------------------------|
| TDK 12 CE-NC 45-Plus, TDK 12 CE-NC 45 Set | ● | ● | Charger LC 45, spare battery pack 2.4 S NiCd, CENTROTEC tool chuck, CENTROTEC spiral wood drill bit D4, CENTROTEC bit holder, FastFix chuck, 13 mm, PZ 2 bit. Set includes FastFix elbow adapter, FastFix eccentric adapter | 564137 564160 |
| TDK 12 CE-MH 45-Plus TDK 12 CE-MH 45 Set | ● | ● | Charger LC 45, spare battery pack 3.0 S NiMH, CENTROTEC tool chuck, CENTROTEC spiral wood drill bit D4, CENTROTEC bit holder, FastFix chuck, 13 mm, PZ 2 bit. Set includes FastFix elbow adapter, FastFix eccentric adapter | 564143 564143S |
| TDK 15.6 CE-NC 45-Plus TDK 15.6 CE-NC 45 Set | ● | ● | Charger LC 45, spare battery pack 2.4 S NiCd, CENTROTEC tool chuck, CENTROTEC spiral wood drill bit D4, CENTROTEC bit holder, FastFix chuck, 13 mm, PZ 2 bit. Set includes FastFix elbow adapter, FastFix eccentric adapter | 564141 564141S |
| TDK 12 CE-NC 45-Plus TDK 12 CE-NC 45 Set | ● | ● | Charger LC 45, spare battery pack 3.0 S NiMH, CENTROTEC tool chuck, CENTROTEC spiral wood drill bit D4, CENTROTEC bit holder, FastFix chuck, 13 mm, PZ 2 bit. Set includes FastFix elbow adapter, FastFix eccentric adapter | 564144 564144S |

Drilling and screwdriving

Cordless drills TDK 12 and TDK 15.6

TDK – compact, powerful and sophisticated.



Take it easy.

Working overhead is taxing enough. The obvious choice here would be a lightweight tool. With a CENTROTEC tool chuck and compact gear mechanism, the TDK weighs much less than most cordless drills so you don't work up a sweat when performing this tiring task.



Living on the edge.

The true strength of the CENTROTEC reveals itself when you work close to edges. Its small diameter allows you to drill or fasten right next to the floor or close to edges, directly on the drilling axis. This guarantees quality working results.



Out of the ordinary.

Apart from its wide range of uses, the TDK is also characterised by its unique FastFix system, allowing you to transform it into an elbow screwdriver, eccentric screwdriver or elbow drill in a flash and reducing stress when working in tight spaces.



True-running precision at its best.

The excellent true-running precision of the CENTROTEC tool chuck makes precise screwdriving a matter of course, even with a long CENTROTEC bit or bit extension when the screw is slightly further away.



Powering ahead.

The TDK 15.6 is a real powerhouse. The high torque and maximum speed of 1500 rpm generate sufficient power to drill larger holes and eg work with a hole cutter. Simply attach the 13 mm FastFix chuck.



And there's more!

The robust technology of the TDK 15.6 is ready to tackle even tougher challenges, whether for outside applications or interior fitting. With power and durability, it makes short work of eg fencing or large quantities of slats.

Controller power.

The requirements of a charger are very high. They must be able to recharge a flat battery pack in the shortest time possible while at the same time preventing the

battery cells from overheating to ensure a maximum number of charge cycles.

Self-cleaning spring contacts.
Battery pack slot with self-cleaning spring contacts for maximum reliability and a long battery pack service life.

Simple wall mount.
Retainer on the back for mounting the charger on the wall.



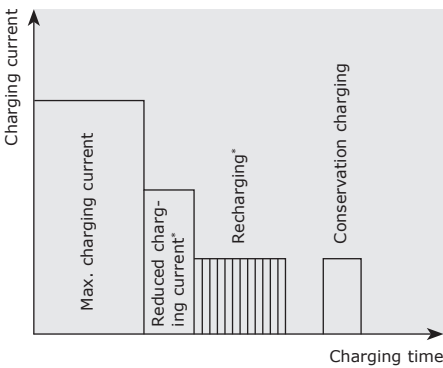
Good ventilation.
Labyrinth slits ensure good ventilation and at the same time prevent foreign objects from entering the charger and causing faults.

Easy to wind up.
Ribbed surface for winding up the connecting cable quickly.

Charging progress indicator.
Display field with LEDs gives a current indication of the charging state, charging process and possible faults.

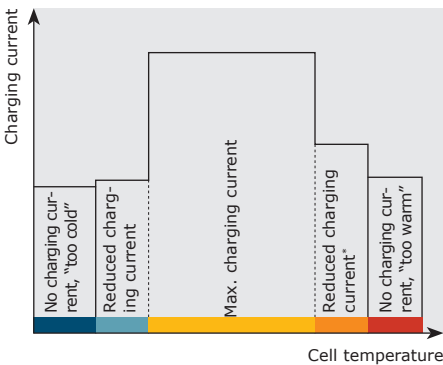
Festool LC 45 rapid charger technology complies with the latest industrial standards. The pulse charging cycle is kept to a minimum and is kind to the battery. The charging process is continually interrupted for a few milliseconds so that the current state of the battery pack can be checked. Temperature, charging time, cell temperature and capacity monitoring functions carry out cross-checks with one another. Once the charger has optimised the charging process, it continues and eventually switches to conservation charging when the battery is fully charged, maximising the functional capacity of the battery pack and ensuring a long service life.

The rapid charger LC 45 can be used to charge all battery packs for Festool cordless drills C 12, TDK 12 and TDK 15.6.



Charging current adapted to the charging state

* NiMH batteries only



Charging current adapted to the cell temperature

* NiMH batteries only

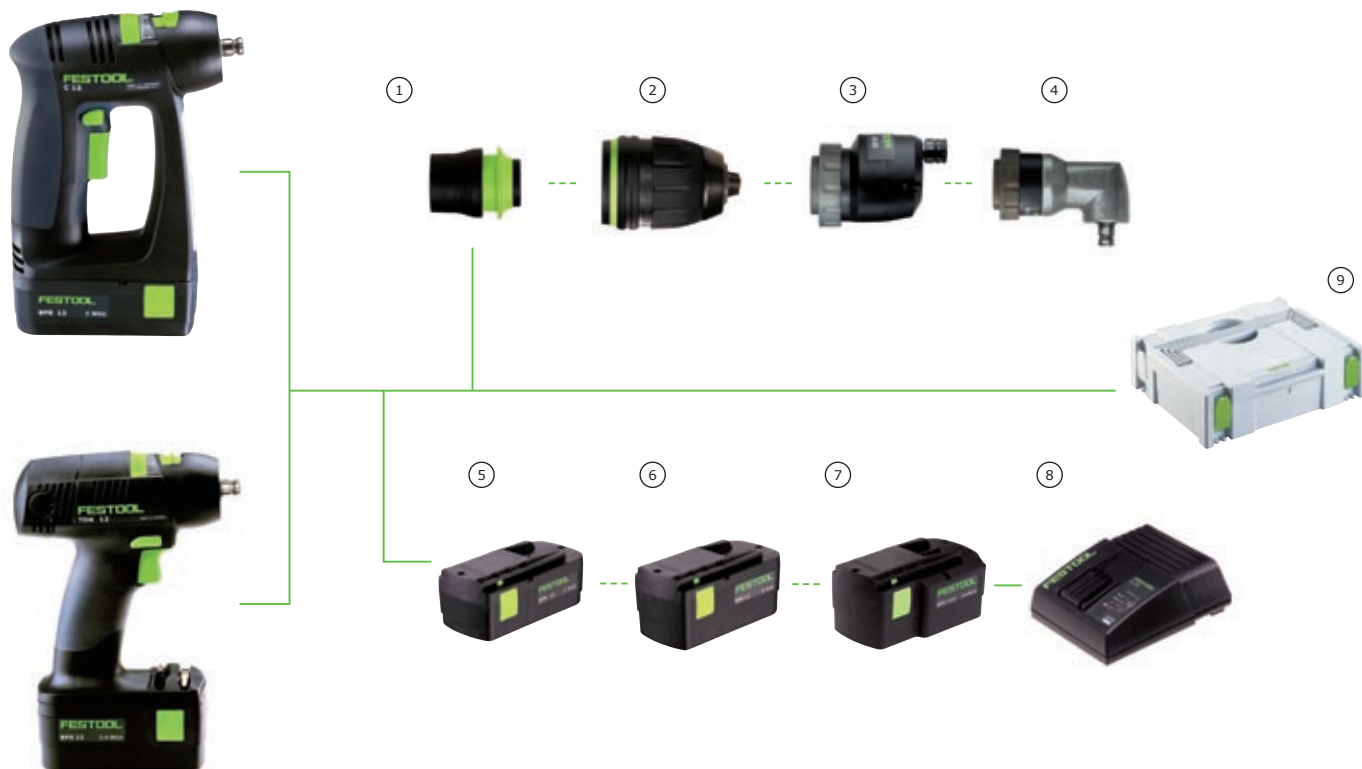
Rapid charger LC 45

| Model | Equipment/Scope of delivery | Order no. |
|---------------------|--|-----------|
| Rapid charger LC 45 | Supply voltage: 220 - 240 V; mains frequency: 50 - 60 Hz; pulse charging: max. 3 A; conservation charging, intermittent: 0.06 A; charging time C NiCd/S NiCd/S NiMH: 25/50/70 mins; charging voltage: 7.2 - 18 V; weight: 0.5 kg | 491827 |

For more information, visit www.festool.com.au

Drilling and screwdriving Accessories

System overview and accessories

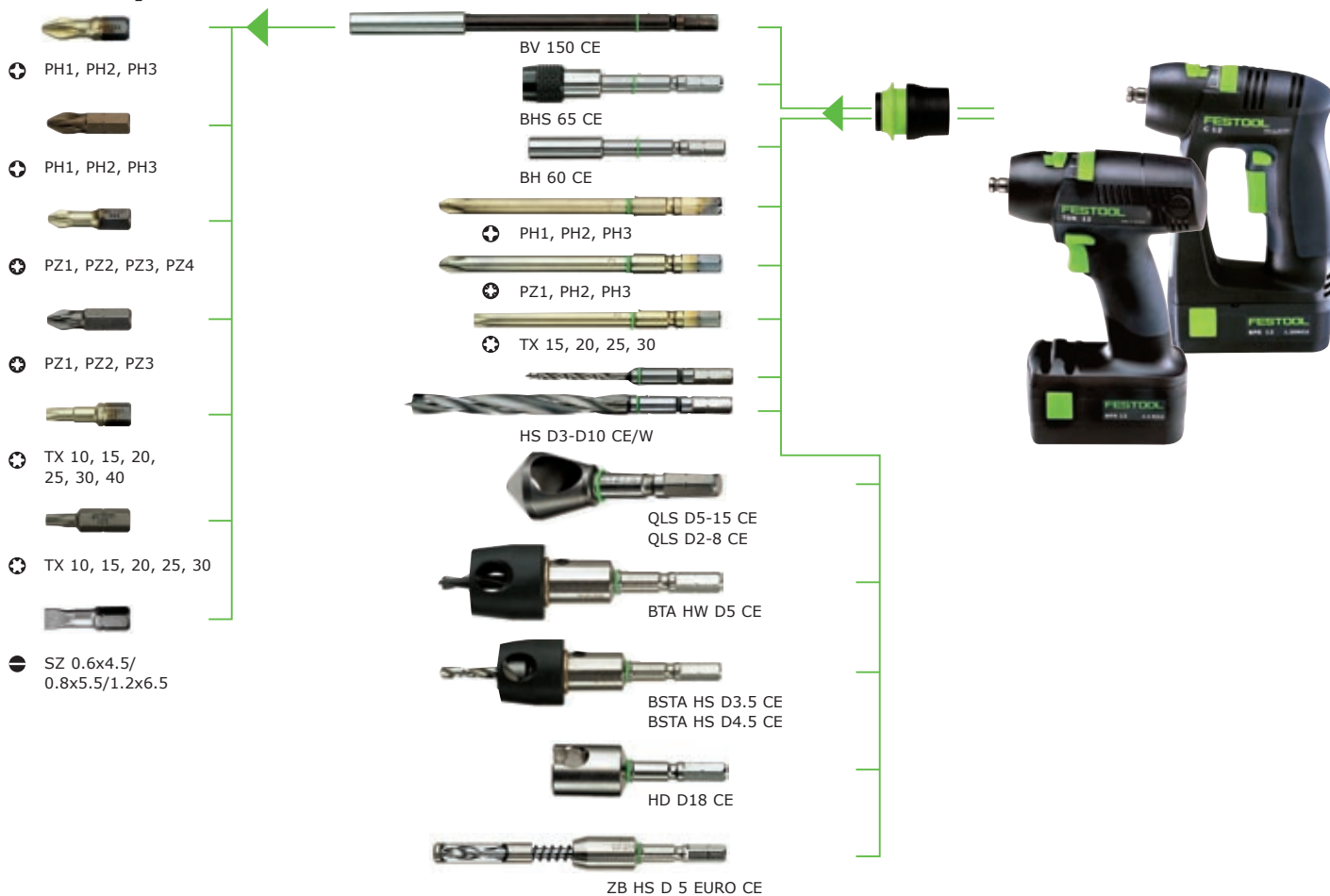


Accessories for cordless drills C 12, TDK 12 and TDK 15.6

| Product | Explanation | Order no. |
|--|--|---------------|
| ① WH-CE CENTROTEC tool chuck | For all Festool cordless drills with FastFix interface: C 12, TDK, CDD-FX, TDD-FX | 492135 |
| ② Keyless chuck, FastFix BF-FX 10 FastFix | For all Festool cordless drills with FastFix interface: C 12, TDK, CDD-FX, TDD-FX, clamping range 1 - 10 mm | 491350 |
| Keyless chuck, FastFix BF-FX 13 FastFix | For all Festool cordless drills with FastFix interface: C 12, TDK, CDD-FX, TDD-FX, clamping range 1.5 - 13 mm | 490698 |
| ③ Eccentric adapter, FastFix DD-ES | For all Festool cordless drills with FastFix interface: C 12, TDK, CDD-FX, TDD-FX | 490294 |
| ④ Elbow adapter, FastFix DD-AS | For all Festool cordless drills with FastFix interface: C 12, TDK, CDD-FX, TDD-FX | 490293 |
| ⑤ Compact battery pack, BPS 12 C NiCd | Replacement or spare battery for cordless drills TDK 12 and C12, capacity 1.3 Ah, voltage 12 V, nickel cadmium (NiCd) | 493348 |
| ⑥ Standard battery pack, BPS 12 S NiCd | Replacement or spare battery for cordless drills TDK 12 and C12, capacity 2.4 Ah, voltage 12 V, nickel cadmium (NiCd) | 492268 |
| Standard battery pack, BPS 12 S NiMH | Replacement or spare battery for cordless drills TDK 12 and C 12, capacity 3.0 Ah, voltage 12 V, nickel metal hydride (NiMH) | 491821 |
| ⑦ Standard battery pack, BPS 15.6 S NiCd | Replacement or spare battery for cordless drill TDK 15.6, capacity 2.4 Ah, voltage 15.6 V, nickel cadmium (NiCd) | 492269 |
| Standard battery pack, BPS 15.6 S NiMH | Replacement or spare battery for cordless drill TDK 15.6, capacity 3.0 Ah, voltage 15.6 V, nickel metal hydride (NiMH) | 491827 |
| ⑧ Rapid charger LC 45 | Supply voltage 220 - 240 V, pulse charging max. 3 A, charging time C NiCd/S NiCd/S NiMH 25/50/70 mins, weight 0.5 kg, for Festool cordless drills C 12 / TDK 12 and TDK 15.6 | 491827 |
| ⑨ SYSTAINER SYS-C12 | SYSTAINER size SYS 1, with insert | 493532 |
| SYSTAINER SYS-TDK | SYSTAINER size SYS 1, with insert | 493275 |

For more information, visit www.festool.com.au

C 12 / TDK 12

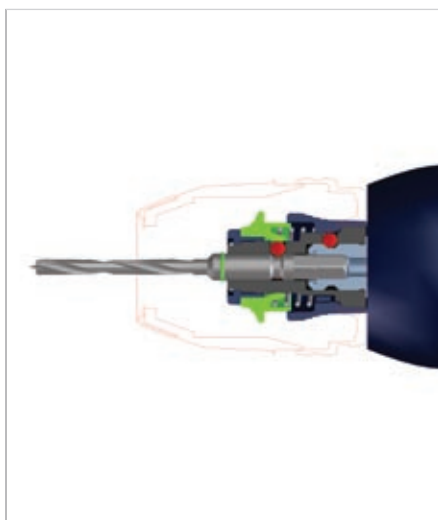


A revolutionary system – *CENTROTEC*® by Festool.



CENTROTEC® benefits: 20-50-100.

The CENTROTEC tool chuck weighs only 20% of the FastFix keyless chuck and is 50% shorter. But its features impress 100%.



10 x better true-running precision.

The CENTROTEC chuck achieves true-running precision that is ten times better than that of a standard bit holder, helping you drill perfect holes. Screwdriver and drill bits can be clamped using the same tool holder.










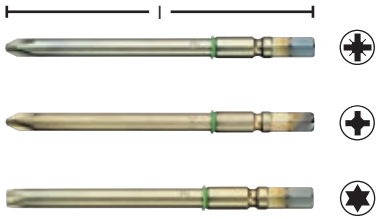




Easy to change.

The CENTROTEC chuck can be fitted to all Festool cordless drills with a FastFix interface. You can change rapidly between screwdriver bit and drill bit and vice versa with a single hand movement. CENTROTEC tools are also compatible with standard chucks.

Drilling and screwdriving

Screwdriver and drill bits

Novadrive and *CENTROTEC*® rechargeable battery accessories

| | Description | Pcs | l/mm | Type | Order no. | |
|---|---|--------------------|--|---|--------------|--------|
|  | Pozidriv bit | | | | | |
| | Size: PZ 1 | 3 | 25 | HiQ PZ 1-25 /3 | 490471 | |
| | Size: PZ 2 | 3 | 25 | HiQ PZ 2-25 /3 | 490472 | |
| | Size: PZ 3 | 3 | 25 | HiQ PZ 3-25 /3 | 490473 | |
| | Size: PZ 4 | 3 | 25 | HiQ PZ 4-25 /3 | 490474 | |
|  | Size: PZ 1 | 10 | 25 | PZ 1-25 /10 | 490481 | |
| | Size: PZ 2 | 10 | 25 | PZ 2-25 /10 | 490482 | |
| | Size: PZ 3 | 10 | 25 | PZ 3-25 /10 | 490483 | |
| | Size: PZ 4 | 5 | 25 | PZ 4-25 /5 | 490484 | |
|  | Phillips bit | | | | | |
| | Size: PH 1 | 3 | 25 | HiQ PH 1-25 /3 | 490491 | |
| | Size: PH 2 | 3 | 25 | HiQ PH 2-25 /3 | 490492 | |
| | Size: PH 3 | 3 | 25 | HiQ PH 3-25 /3 | 490493 | |
|  | Size: PH 1 | 10 | 25 | PH 1-25 /10 | 490501 | |
| | Size: PH 2 | 10 | 25 | PH 2-25 /10 | 490502 | |
| | Size: PH 3 | 10 | 25 | PH 3-25 /10 | 490503 | |
|  | Slot bit | | | | | |
| | Size: SZ 0.6x4.5 | 10 | 25 | SZ 0.6x4.5-25/10 | 493309 | |
| | Size: SZ 0.8x5.5 | 10 | 25 | SZ 0.8x5.5-25/10 | 493310 | |
| | Size: SZ 1.2x6.5 | 10 | 25 | SZ 1.2x6.5-25/10 | 493311 | |
|  | Torx bit | | | | | |
| | Size: TX 10 | 3 | 25 | HiQ TX 10-25 /3 | 490494 | |
| | Size: TX 15 | 3 | 25 | HiQ TX 15-25 /3 | 490495 | |
| | Size: TX 20 | 3 | 25 | HiQ TX 20-25 /3 | 490496 | |
| | Size: TX 25 | 3 | 25 | HiQ TX 25-25 /3 | 490497 | |
| | Size: TX 30 | 3 | 25 | HiQ TX 30-25 /3 | 490498 | |
| | Size: TX 40 | 3 | 25 | HiQ TX 40-25 /3 | 490499 | |
| |  | Size: TX 10 | 10 | 25 | TX 10-25 /10 | 490504 |
| | | Size: TX 15 | 10 | 25 | TX 15-25 /10 | 490505 |
| | | Size: TX 20 | 10 | 25 | TX 20-25 /10 | 490506 |
| Size: TX 25 | | 10 | 25 | TX 25-25 /10 | 490507 | |
|  | | | | | | |
| | CENTROTEC bits | | | | | |
| | | 2 | 100 | HiQ PZ 1-100 CE/2 | 492527 | |
| | | 2 | 100 | HiQ PZ 2-100 CE/2 | 492528 | |
| | | 2 | 100 | HiQ PZ 3-100 CE/2 | 492529 | |
| | | 2 | 100 | HiQ PH 1-100 CE/2 | 492530 | |
| | | 2 | 100 | HiQ PH 2-100 CE/2 | 492531 | |
| | | 2 | 100 | HiQ PH 3-100 CE/2 | 492532 | |
| | | 2 | 100 | HiQ TX 15-100 CE/2 | 492533 | |
| | | 2 | 100 | HiQ TX 20-100 CE/2 | 492534 | |
| | | 2 | 100 | HiQ TX 25-100 CE/2 | 492535 | |
| | | 2 | 100 | HiQ TX 30-100 CE/2 | 492536 | |
| |  | Bit box, POZIDRIVE | 10-piece | 2x PZ 1, 5x PZ 2, 2x PZ 3, CENTROTEC magnetic bit holder BH 60 CE | 493260 | |
| Bit box, TORX | | 10-piece | 1x TX 10, 2x TX 15, 3x TX 20, 2x TX 25, 1x TX 30, CENTROTEC magnetic bit holder BH 60 CE | 493261 | | |
| Bit box, MIX | | 10-piece | PH 1, PH 2, PZ 1, PZ 2, PZ 3, TX 15, TX 20, TX 25, SZ 0.8x55, CENTROTEC magnetic bit holder BH 60 CE | 493262 | | |
|  | Rapid-change bit holder, BHS 65 CE | 1 | | 492648 | | |
|  | Magnetic bit holder, BH 60 CE | 1 | | 492539 | | |
|  | Extra-long magnetic bit holder, BV 150 CE | 1 | | 492540 | | |

HiQ = Bits with zircon duplex coating for better adhesion to the screw head and a longer service life.

Novadrive and CENTROTEC® rechargeable battery accessories

| | Description | Pcs | dia./mm | Type | Order no. |
|--|--|----------|---------|---|-----------|
|   Cassette | Novadrive HSS spiral drill bit, polished in accordance with DIN 338 | | | | |
| | | 10 | 1 | HSS D 1/10 | 492541 |
| | | 10 | 1.5 | HSS D 1.5/10 | 492542 |
| | | 10 | 2 | HSS D 2/10 | 492543 |
| | | 10 | 2.5 | HSS D 2.5/10 | 492544 |
| | | 10 | 3 | HSS D 3/10 | 492545 |
| | | 10 | 3.5 | HSS D 3.5/10 | 492546 |
| | | 10 | 4 | HSS D 4/10 | 492547 |
| | | 10 | 4.5 | HSS D 4.5/10 | 492548 |
| | | 10 | 5 | HSS D 5/10 | 492549 |
| | | 10 | 5.5 | HSS D 5.5/10 | 492550 |
| | | 10 | 6 | HSS D 6/10 | 492551 |
| | | 10 | 6.5 | HSS D 6.5/10 | 492552 |
| | | 5 | 7 | HSS D 7/ 5 | 492553 |
| | | 5 | 7.5 | HSS D 7.5/ 5 | 492554 |
| | | 5 | 8 | HSS D 8/5 | 492555 |
| | | 5 | 8.5 | HSS D 8.5/ 5 | 492556 |
| | | 5 | 9 | HSS D 9/5 | 492557 |
| | | 5 | 9.5 | HSS D 9.5/ 5 | 492558 |
| | | 5 | 10 | HSS D 10/5 | 492559 |
| | Drill bit pack | 19-piece | 1-10 | SBKS-HSS D 1-10 | 492560 |
|   | CENTROTEC spiral wood drill bit with centering point | | | | |
| | | 1 | 3 | D 3 CE/W | 492512 |
| | | 1 | 4 | D 4 CE/W | 492513 |
| | | 1 | 5 | D 5 CE/W | 492514 |
| | | 1 | 6 | D 6 CE/W | 492515 |
| | | 1 | 7 | D 7 CE/W | 492516 |
| | | 1 | 8 | D 8 CE/W | 492517 |
| | | 1 | 10 | D10 CE/W | 492518 |
| | Drill bit pack | 7-piece | 3-10 | BKS D3-10 CE/W | 492519 |
|      | CENTROTEC Other tools | | | | |
| | Countersink bit, QLS D2- 8 CE | 1 | 2-8 | | 492520 |
| | Countersink bit, QLS D5-15 CE | 1 | 5-15 | | 492521 |
| | Drill bit with depth stop, BTA HW D5 CE | 1 | 5 | | 492522 |
| | Replacement drill bit, HW D5 F.BTA | 1 | 5 | (replacement), for drill bits with depth stop (not shown) | 491794 |
| | Counterbore with depth stop, BSTA HS D3.5 CE | 1 | 3.5 | | 492523 |
| | Replacement drill bit, TIN D3.5 F.BSTA | 1 | 3.5 | (replacement), for counterbores with depth stop (not shown) | 491795 |
| | Counterbore with depth stop, BSTA HS D4.5 CE | 1 | 4.5 | | 492524 |
| | Replacement drill bit, D4.5 F.BSTA D4.5 CE | 1 | 4.5 | (replacement), for counterbores with depth stop (not shown) | 493274 |
| | Replacement countersink bit, HS D13 F.BSTA | 1 | 13 | (replacement), for counterbores with depth stop (not shown) | 491796 |
| | Centring drill, ZB HS D5 EURO CE | 1 | 5 | with depth limiter for 5 mm Euro screws | 492525 |
| | Replacement drill bit, D5 for centring drill | | | (replacement), for centering drill (not shown) | 493572 |
| | Hook driver, HD D18 CE | 1 | 18 | | 492526 |

The beauty of precision.

“Precision” is not something you usually associate with jigsaws – but Festool engineers have added a touch of precision to their jigsaws. Wonky cuts, unattractive splintering and time-consuming reworking can now be banished thanks to our ingenious system solutions.



**Consistently accurate cuts –
and no splintering**

Page **28**

Accessories

Page **36**

Applications

Page **29**

Jigsaw blades

Page **37**

The tools at a glance

Pendulum jigsaw *TRION*® PS 300
Pendulum jigsaw *TRION*® PSB 300
Pendulum jigsaw PS 200

Page **30**



Sawing with jigsaws

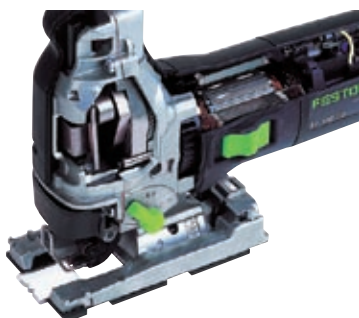
Pendulum jigsaws PS 300, PSB 300, PS 200

Consistently accurate cuts – and no splintering.



Many jigsaws have one fundamental problem, they are easily lead astray. So Festool invented a three-way saw blade guide to give jigsaws the precision that tradesmen expect.

The result is a straight cut in almost any material and at any stage of the working process. Even plunge-cutting is possible, which saves you having to drill a hole before making cut-outs. And it doesn't



Hard-wearing components and a precision design form the basis for excellent cutting quality and a long service life.

stop there, Festool has gone one better by combining the jigsaw with the patented splinterguard: Simply attach to produce splinter-free cutting edges! Typically Festool: every aspect of the tool has a system to improve the quality of your working results.



Cuts easily through aluminium, stainless steel sheets or sandwich material.

The benefits at a glance:

- Three-way saw blade guide ensures accurate, straight cuts
- Simple but effective splinterguard for clean cutting edges
- Long service life



The Festool patent: three-way saw blade guide with parallel-adjustable carbide guidance jaws for unsurpassed cutting quality.

FESTOOL THE SYSTEM



At Festool, we do not only think in terms of tools, but also in terms of systems so that you can work more quickly, easily and efficiently.



Saw-blade assortment.

The correct saw blade for every cut. The FastFix quick-release saw blade system for instant saw-blade changing.

Jigsaw blades from page 37



Stop system.




The guide stop and the guide rail guarantee perfectly straight cuts.

Stop system on page 36

Application overview

There are three jigsaws available in our product range for your individual requirements. Select your preferences from the following overview:

Jigsaws

| |  TRION® PS 300 |  TRION® PSB 300 |  PS 200 E |
|---|---|--|---|
| Pendulum jigsaw | | | |
| Mainly cutting depths greater than 80 mm in wood | ● | ● | ○ |
| Cut-outs in kitchen worktops etc | ● | ● | ● |
| Cuts in a variety of materials, frequent saw blade changes required | ● | ● | ○ |
| Sawing from below | ● | ○ | ● |
| Used with Basis-Plus system | ● | ● | ● |
| Straight cuts with guide stop and guide rail | ● | ● | ● |
| Use with plug-it suction hose | ● | ● | * |

- Appropriate
- Very appropriate
- Extremely appropriate

* Used in combination with conversion kit 491144 (see page 283)

One machine – two versions



Accurate guidance from above or from below: the TRION PS 300.



Simple, safe grip: the TRION PSB 300.

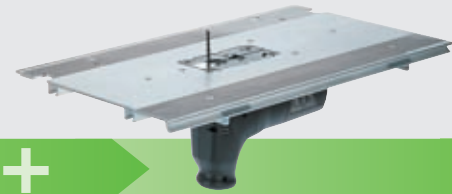
The TRION with knob or stirrup handle. You decide which version fits in your hand best. But whatever your decision, you will have durable precision technology at your disposal and achieve perfect working results.



Extraction system.

Clean results both in the workshop and on the construction site with Festool mobile dust extractors.

Mobile d/extractors from page 242



Bench-mounted system.

With the Basis 4 work module, Festool jigsaws can now be mounted on a bench: results are accurate to the millimetre!

Bench-mounted systems from page 81



Storage system.

The SYSTAINER keeps your work area neat and tidy with storage space for machines and accessories.

Storage systems from page 284

Sawing with jigsaws

The tools at a glance

Pendulum jigsaw *TRION*® PS 300

A force to be reckoned with.



Main applications

- Cut-outs for sinks and kitchen hobs
- Trimming work on furniture, kitchens, for interior fitting
- Cutting circles and curves
- Coping end strips
- Cutting workpieces to length
- Edge notching on beams
- Cutting from below

Strengths and benefits

- Patented three-way saw blade guide for cutting precise angles.
- High-quality drive components give longer service life
- Improved splinterguard, no reworking
- Perfectly balanced for effortless one-handed operation
- FastFix rapid-change system for easy saw blade changes
- Brilliant cutting power (MMC electronics)

More from page 31 onwards

| | |
|---|---------------|
| Stroke rate | 3100 rpm |
| Stroke rate | 1000-2900 rpm |
| Power consumption | 550 W |
| Power consumption | 720 W |
| Pendulum stroke | 4 settings |
| Inclination | 0-45° |
| Cutting depth in wood/ non-ferrous metal | 120/20 mm |
| Cutting depth in steel (soft) | 10 mm |
| Weight | 2.4 kg |

 = with MMC electronics



Pendulum jigsaw *TRION*® PSB 300

Powerful tool with stirrup handle.



Main applications

- Cut-outs for sinks, kitchen hobs
- Trimming work on furniture, kitchens, for interior fitting
- Cutting circles and curves
- Coping end strips
- Cutting workpieces to length
- Edge notching on beams

Strengths and benefits

- Patented three-way saw blade guide for cutting precise angles.
- High-quality drive components give longer service life
- Improved splinterguard, no reworking
- Perfectly balanced for effortless one-handed operation
- FastFix rapid-change system for easy saw blade changes
- Brilliant cutting power (MMC electronics)

More from page 31 onwards

| | |
|---|---------------|
| Stroke rate | 3100 rpm |
| Stroke rate | 1000-2900 rpm |
| Power consumption | 550 W |
| Power consumption | 720 W |
| Pendulum stroke | 4 settings |
| Inclination | 0-45° |
| Cutting depth in wood/ non-ferrous metal | 120/20 mm |
| Cutting depth in steel (soft) | 10 mm |
| Weight | 2.4 kg |

 = with MMC electronics



Pendulum jigsaw PS 200 E

The slim performer.



Main applications

- Cut-outs for sinks, kitchen hobs
- Trimming work on furniture, kitchens, for interior fitting
- Cutting circles and curves
- Coping end strips
- Cutting workpieces to length
- Cutting from below

Strengths and benefits

- Patented three-way saw blade guide for cutting precise angles.
- Even more cutting power, adapted to the working material and a constant stroke rate thanks to the MMC electronics
- Splinterguard for clean cuts, no reworking required
- The slim, ergonomic design enables easy one-handed operation
- Chip extractor with integral extraction channel in the housing, for dust-free air

More on page 35

| | |
|---|---------------|
| Stroke rate | 1000-2800 rpm |
| Power consumption | 500 W |
| Pendulum stroke | 4 settings |
| Inclination | 0-45° |
| Cutting depth in wood/ non-ferrous metal | 85/20 mm |
| Cutting depth in steel (soft) | 10 mm |
| Weight | 2.2 kg |

 = with MMC electronics



Sawing with jigsaws

Pendulum jigsaws *TRION*® PS 300 and PSB 300

FESTOOL



Pleasure in every working step.

Working without a Festool TRION pendulum jigsaw would be hard to imagine: high-precision cutting with a three-way saw blade guide. Reworking is no longer required thanks to the improved splinterguard. One-handed operation is easy because the machine is so perfectly balanced. And, as if that wasn't enough, Festool pendulum jigsaws are robust throughout and therefore a worthwhile investment.

SAWING WITH JIGSAWS



Accuracy when cutting infill panels: the CP guide reliably prevents the saw blade from running off course.



The TRION with special bimetallic blade and power electronics can cut through sandwich material with thicknesses of up to 130 mm in one clean, burr-free cut.



The right handle dimensions are essential in determining the handling comfort of a jigsaw. The handle on the TRION PS 300 is more than 1 cm slimmer than equivalent competitor products.

Sawing with jigsaws

Pendulum jigsaws *TRION*® PS 300 and PSB 300

TRION®: Pendulum jigsaws with the patented saw blade guide.

It is not only superior precision that makes Festool jigsaws so impressive: a combination of operating comfort and superb technical features helps to improve your daily working results.



Durable components.
Hard-wearing drive elements and bearings guarantee a maximum service life.

Designed to fit in your hand.
The machine has a flat motor and compact handle dimensions, fits in your hand perfectly and is easy to guide.

plug-it.
Change machines with a turn of the wrist. Cable breaks will not hold you up for long. Simply replace the cable and continue your work.

Extractor connector.
Standard connector for chip and dust extractors, can be easily removed or attached as required.

Rapid saw-blade changes.
With the FastFix quick-release system, saw blades can be changed quickly and without tools.

Three-way saw blade guide.
For straight cuts – saw blade does not run off course, no time-consuming reworking.

Integral dust extraction.
Extraction channels integrated in the saw table directly beside the saw blade provide effective dust extraction. For cleaner working conditions all round.

Smooth-running.
The high-performance motor generates a strong pulling force and is both smooth-running and durable at the same time.

Pendulum jigsaw *TRION*® PS 300 – The different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|-----------------|---|---|-------------------------------|-----------|
| PS 300 Q-Plus | – | ● | 2 saw blades, 1 splinterguard | 561125 |
| PSB 300 Q-Plus | – | ● | 2 saw blades, 1 splinterguard | 561129 |
| PS 300 EQ-Plus | ● | ● | 2 saw blades, 1 splinterguard | 561098 |
| PSB 300 EQ-Plus | ● | ● | 2 saw blades, 1 splinterguard | 561122 |

Accessories for pendulum jigsaws PS 300 and PSB 300 can be found on page 36

Technical data, see page 30

For more information, visit www.festool.com.au

Twelve reasons to choose a Festool jigsaw.



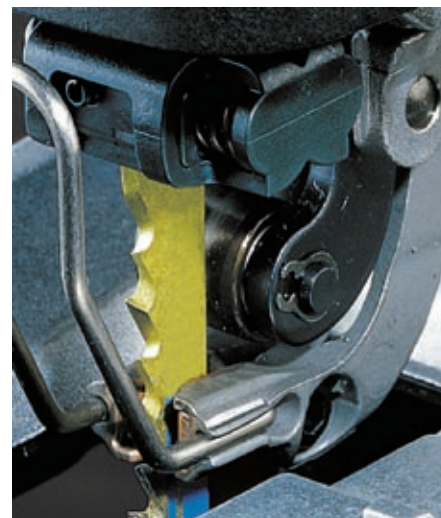
Rapid saw-blade changes.

The tool-less FastFix quick-release saw-blade system saves you time and money. Sealing MIM technology (Metal Injection Moulding) and the fibre-reinforced quick-release lever guarantee lasting reliability.



Building exhibition stands.

Dust extraction is now mandatory at exhibitions, eg building stands because wood dusts are some of the most hazardous substances around. Extraction channels integrated directly beside the saw blade on the TRION provide effective protection by collecting fine dust.



Perpendicular cuts.

Three-way guidance of the saw blade (patented) thanks to the parallel-adjustable carbide jaws. Perpendicular to the tabletop, guaranteed at all times. Nothing bends, twists or wobbles because the machine is so stable.



Optimum handling and operation.

Flat, narrow, ergonomic. The PS 300 with knob handle is characterised by its excellent handling, eg during one-handed operation. The control elements are easy to reach in any situation. A perfect centre of gravity keeps the machine well balanced in any position.



Splinter-free cuts.

The simple but effective splinterguard ensures splinter-free cuts and avoids time-consuming finishing work, even on veneered surfaces. As you can see, Festool really has thought of everything.



Working from below.

The ergonomic design of the TRION pendulum jigsaw comes into its own when you cannot see it, ie when working from below. The importance of excellent handling and smooth running also becomes evident here.

Accessories for pendulum jigsaws TRION PS 300 and PSB 300 can be found on page 36

For more information, visit www.festool.com.au

Sawing with jigsaws

Pendulum jigsaws *TRION*® PS 300 and PSB 300

Twelve reasons to choose a Festool jigsaw.



Circles? No problem.

With the circle cutter and appropriate saw blade, Festool pendulum jigsaws cut round holes in thick and thin materials. For diameters between 130 and 720 mm.



Thick beams? No problem.

Even beams up to 120 mm thick do not present a real challenge to a PS 300 or PSB 300. The pulling force of the powerful 720-watt motor is uncompromising and the MMC electronics keep the motor speed constant in any situation, whether cutting wood, metal or other materials.



Integral dust extraction.

Extraction channels are integrated on the side of all *TRION* jigsaws, directly beside the saw blade. The benefit dust is extracted directly at source. Not just large chips are extracted here, but also finer, more harmful dust.



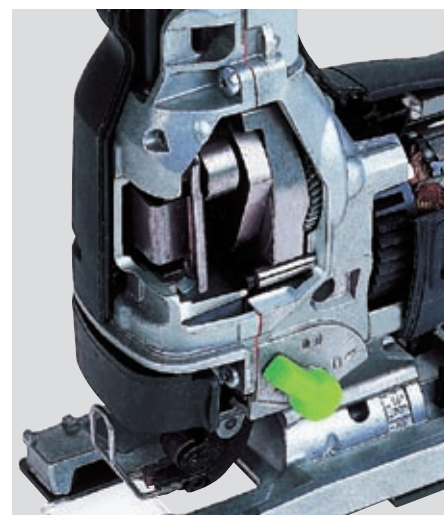
Perfectly straight cuts.

Perfect cuts with a pendulum jigsaw? Festool makes the seemingly impossible possible by combining a guide stop and guide rail, an extra-thick saw blade and the three-way saw blade guide.



Bench-mounted for complex shapes.

You do not need to change saws to cut the complicated shapes often required when laying wooden floors, for example. You can use the jigsaw in combination with Basis-Plus System and the Basis 4 work module to cut complex shapes accurately and with no splinters.



Decidedly more durable.

TRION PS 300 and PSB 300 are more durable than conventional jigsaws. Here are a few reasons why: bend-resistant lifter rod made from forged steel; double laser-welded connection to the quick-release lock; bearings coated with bronze alloy. A worthwhile purchase.

Accessories for pendulum jigsaws *TRION* PS 300 and PSB 300 can be found on page 36

For more information, visit www.festool.com.au

Sawing with jigsaws

Pendulum jigsaw PS 200

Was good,
is good, will
remain good.

Slim housing.
Machine fits snugly in your hand thanks to compact design - for non-tiring work.

Precision in detail.
The perpendicular lifter rod in combination with the three-way saw blade guide - for maximum sawing precision through thick and thin.

Three-way saw blade guide.
Adjustable carbide jaws guide the saw blade accurately. For maximum cutting quality.

Weighing in at only 2.2 kg, the PS 200 E is a tried and tested classic among pendulum jigsaws. Manoeuvrability, precision and

durability are the strengths of this highly rated machine.

Working with the material in mind.
MMC electronics with stepless stroke rate and constant cutting speed, even under load.

Integral dust extraction channel.
An extraction channel integrated in the housing gives maximum freedom of movement when handling the machine.

Pendulum stroke adjustment.
Four settings for optimised adaptation of the pendulum movement to the respective working situation.

The PS 200 E is the perfect match for tradesmen who require a hard-wearing, uncomplicated machine, because it incorporates all the standard features of a professional Festool machine: MMC electronics, splinterguard and many other accessories available for this classic tool.



Four pendulum stroke settings for adaptation to the working material.



The perpendicular lifter rod and three-way saw blade guide guarantee accurate cuts.



Splinter-free cuts with the detachable splinterguard.



Handy, compact, robust: a classic in every sense of the word.

Pendulum jigsaw PS 200 E

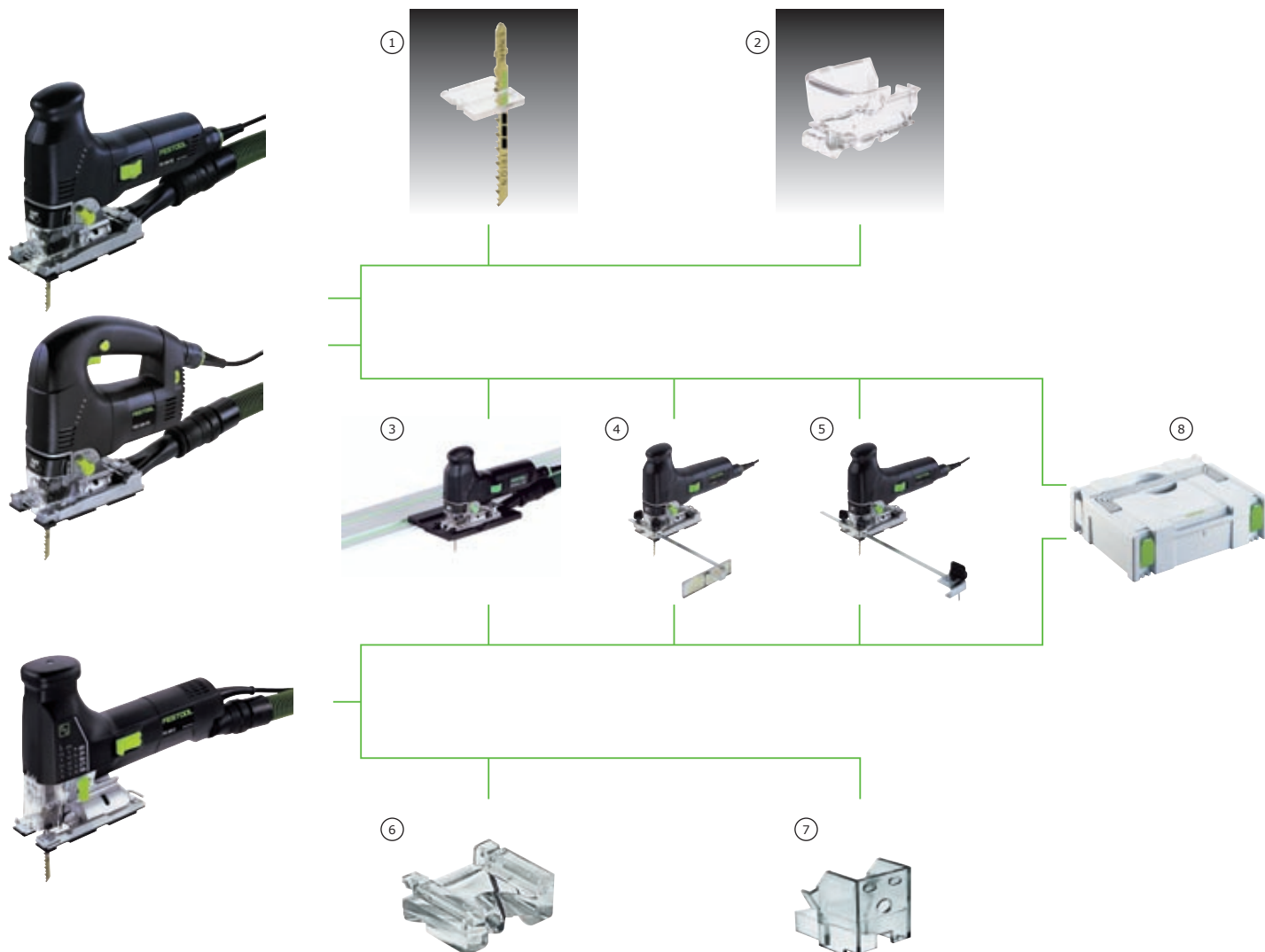
E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|---------------|---|---|--|-----------|
| PS 200 E-Plus | ● | ● | 1 saw blade, 1 splinterguard, operating tool | 561103 |

Sawing with jigsaws

Accessories

System overview and accessories



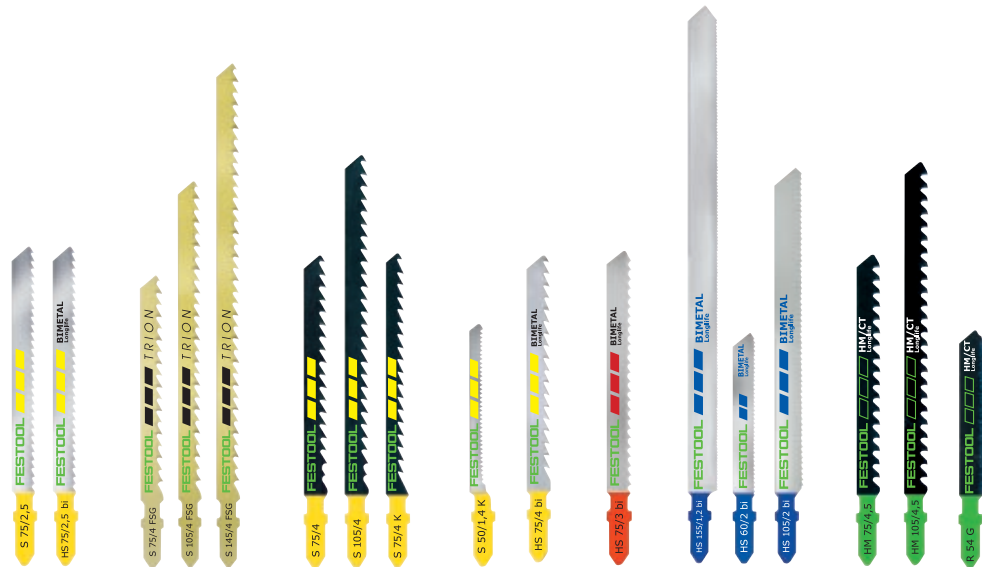
Accessories for pendulum jigsaws PS 300, PSB 300 and PS 200

| Product | Explanation | Order no. |
|--|---|---------------|
| ① Splinterguard SP-PS/PSB 300/5 | For PS 300, PSB 300, prevents splintered cutting edges, qty. in pack: 5 | 490120 |
| Splinterguard SP-PS/PSB 300/20 | For PS 300, PSB 300, qty. in pack: 20 | 490121 |
| ② Chipguard SF-PS 300 | For PS 300, PSB 300, protects against ejected chips | 453491 |
| ③ Guide stop FS-PS/PSB 300 | For PS 200, PS 300, PSB 300, allows use of guide system FS with jigsaws | 490031 |
| ④ Parallel stop PA-PS/PSB 300 | For PS 300, PSB 300, PS 200, PS 2, max. workpiece width 200 mm | 490119 |
| ⑤ Circle cutter KS-PS/PSB 300 | For PS 300, PSB 300, PS 200, PS 2, circle dia. 130–720 mm | 490118 |
| ⑥ Splinterguard SP-PS/5 | For PS 1, PS 2, PS 200, prevents splintered cutting edges, qty. in pack: 5 | 483372 |
| Splinterguard SP-PS/20 | For PS 1, PS 2, PS 200, prevents splintered cutting edges, qty. in pack: 20 | 488662 |
| ⑦ Chipguard SF-PS 200 | For PS 2, PS 200, protects against ejected chips | 448596 |
| ⑧ SYSTAINER SYS-PS 300 | Systainer size SYS 1, with insert | 490169 |
| SYSTAINER SYS-PSB 300 | Systainer size SYS 1, with insert | 490170 |
| SYSTAINER SYS-PS 2/PS 200 | Systainer size SYS 1, with insert | 487183 |
| Guide rail | From page 270 | |

For more information, visit www.festool.com.au

An extensive assortment of blades.

Festool has the right tool for every task – and matching accessories too. At Festool, we think in terms of total solutions as well as individual applications. This is why we offer a large assortment of saw blades for different applications, also available in large economy packs.



SAWING WITH JIGSAWS

The correct saw blade for every cut.



For clean cuts with no splintering.

Produces immaculate cutting edges and surfaces in combination with the splinter-guard.



For straight cuts.

Saw blades for straight, faultless cutting edges.



Outstanding cutting power; long service life.

Long-life bimetal saw blades.



Through thick and thin.

A wide range of saw blades of different lengths allows you to cut materials up to 130 mm thick.



For bends and tight curves.

The jigsaw becomes a real curve expert when used with curved blades or in combination with a bench-mounted unit.



Outstanding cutting power; long service life.

Long-life saw blades in carbide-tipped quality.

Sawing with jigsaws

Jigsaw blades

Tooth pitch, type and material



Cross-set teeth
for quick cuts



Conically ground blades
for clean cuts



HCS tool steel: standard
quality for all types of wood



HS bimetal: resistant to
high temperatures and hard-
wearing

Saw blade features



Carbide: resistant to high
temperatures and hard-
wearing



Hard soldered carbide-
tipped splitter, fine
























Coarse or fine saw blade.
Rule of thumb: at least 3
teeth should be engaged



Corrugated blade, milled
teeth

Jigsaw blades in a handy multipack: Packs of 25 or 20. Keeps tradesmen stocked up with saw blades so that they always have enough to hand.

| | Description | Length of cutting blade in mm | Tooth pitch in mm | Tooth type | Max. material thickness ** | Qty. in pack | Order no. |
|--|-----------------|-------------------------------|-------------------|------------|----------------------------|--------------|-----------|
| | S 75/4 | 75 | 4 | | <55 | 5 | 486546* |
| | S 75/4 | 75 | 4 | | <55 | 25 | 486962* |
| | S 105/4 | 105 | 4 | | <85 | 5 | 486547* |
| | S 75/2,5 | 75 | 2,5 | | <55 | 5 | 486548* |
| | S 75/2,5 | 75 | 2,5 | | <55 | 25 | 486963* |
| | HS 75/2,5 bi | 75 | 2,5 | | <55 | 5 | 490178* |
| | S 75/4 FS | 75 | 4 | | <55 | 5 | 486549* |
| | S 75/4 FS | 75 | 4 | | <55 | 20 | 490256* |
| | S 75/4 FSG | 75 | 4 | | <55 | 5 | 486551* |
| | S 105/4 FSG | 105 | 4 | | <85 | 5 | 486552* |
| | S 105/4 FSG | 105 | 4 | | <85 | 20 | 488015* |
| | S 145/4 FSG | 145 | 4 | | <120 | 5 | 490179* |
| | S 75/4 K | 75 | 4 | | <55 | 5 | 486563* |
| | S 75/4 K | 75 | 4 | | <55 | 25 | 486965* |
| | S 50/1,4 K | 50 | 1,4 | | <30 | 5 | 486564* |
| | HS 75/4 bi | 75 | 4 | | <55 | 5 | 486553* |
| | HS 75/3 bi | 75 | 3 | | <55 | 5 | 486554* |
| | HS 60/1,2 bi | 60 | 1,2 | | <30 | 5 | 486556* |
| | HS 60/1,2 bi | 60 | 1,2 | | <30 | 25 | 488016 |
| | HS 60/1,4 bi VA | 60 | 1,4 | | <10 | 5 | 490181* |
| | HS 105/1,2 bi | 105 | 1,2 | | <85 | 5 | 486558* |
| | HS 155/1,2 bi | 155 | 1,2 | | <130 | 5 | 490180* |
| | HS 60/2 bi | 60 | 2 | | <30 | 5 | 486557* |
| | HS 105/2 bi | 105 | 2 | | <85 | 5 | 486559* |
| | HM 75/4,5 | 75 | 4,5 | | <50 | 1 | 486561* |
| | HM 105/4,5 | 105 | 4,5 | | <80 | 1 | 486560* |
| | R 54 G | 54 | | | <30 | 1 | 486562* |

| Material type |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|
| | ● | ● | ● | | | | | | | | | | | |
| | ● | ● | ● | | | | | | | | | | | |
| | ● | ● | ● | | | | | | | | | | | |
|  | ● | | ● | | | ● | ● | | | | | | | |
| | ● | | ● | | | ● | ● | | | | | | | |
|  | ● | ● | ● | | | | | | | | | | | |
|  | ● | ● | ● | | | | | | | | | | | |
|  | ● | ● | ● | | | | | | | | | | | |
| | ● | ● | ● | | | | | | | | | | | |
|  | ● | | | | | ● | | | | | | | | |
|  | ● | | | | | ● | | | | | | | | |
|  | ● | ● | ● | ● | | ● | ● | | | | | | | |
| | | | | | | ● | ● | ● | | | | | ● | |
| | | | | | | | | | ● | ● | | | | |
| | | | | | | | | | ● | ● | | | | |
| | | | | | | | | | | ● | | ● | | |
| | | | | | | | | | | | ● | | | |
| | | | | | | | | | | | | ● | | |
| | | | | | | | | | | | | | ● | |
| | | ● | | ● | ● | | | ● | | | | | | ● |
| | | ● | | ● | ● | | | ● | | | | | | ● |
| | | | | | ● | | | | | | | | | ● |

*Accessories in self-service display packs for pegboard mounting **in mm

Sawing on rails.

Almost no-one develops portable circular saws based as much on daily use as does Festool. This is why we invented the guide rail over 40 years ago and are constantly setting new standards with our plunge-cut saws. Together they are representative of a strength that makes Festool so unique: thinking in a system.



**The quicker way
for a cleaner cut**Page **42****Applications**Page **43****The tools at a glance**

Plunge cut saws TS 55 and TS 75

Pendulum cover saws AP 55, AP 65 and AP 85

Building materials saw AXT 50

Page **44****Accessories**

For plunge cut saws

For pendulum cover saws

For building materials saws

Page **55****Circular saw blades**Page **57**

Sawing with portable circular saws

Plunge cut, pendulum cover and building materials saws

The quicker way for a cleaner cut.



Modern portable circular saws have to meet many requirements. They have to be mobile and versatile but still have to work almost as precisely as bench-mounted tools. Festool makes this possible.

Plunge cut saws and pendulum cover saws fit perfectly onto the guide rail and the patented splinterguard ensures that cuts are as straight as they are splinter-free.



Guide rail and attachable splinterguard for splinter-free cuts on both sides.

The TS 55 and TS 75 plunge-cut saws are a true example of versatility and mobility. They have many features, such as the FastFix saw blade changing system or the intelligent MMC electronics. And if you are impressed with the machine as a separate unit, you will be amazed when you see it



The pendulum cover saw feels at home cutting boards and similar materials.

as part of a system. Whether the guide rail, combination bevel, multifunction table or effortless connection to a dust extractor, everything is compatible and optimises your work. The benefits

- Saw precisely along the scribe line using the rail
- Splinter-free cuts
- Long service life and sturdy design
- FastFix saw blade changing system
- Versatile operation with guide rail and multifunction table

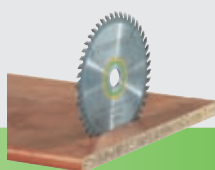


Safe, precise cuts with plunge cut saws and guide rails from Festool: practical for any type of cut-out, even those with complicated geometric shapes.

FESTOOL THE SYSTEM



At Festool, we think in terms of systems as well as tools, so that you can work more quickly, easily and efficiently.



Saw blade system.

Best results with the right saw blade. Festool develops all its own blades for maximum performance.

Circular saw blades from page 57



Guide system.

The guide system by Festool is the only way to produce precise, splinter-free cuts.

Guide systems from page 266

Application overview – Portable circular saws

You know best what the emphasis of your work is. The table below shows a selection of typical applications and indicates where the strengths of the individual tools lie. The details on the following pages will help you find the perfect solution.

| | Plunge-cut saws | | Pendulum cover saws | | | Building materials saw |
|--|-----------------|--------------|---------------------|--------------|--------------|------------------------|
| Machine range | TS 55 | TS 75 | AP 55 | AP 65 | AP 85 | AXT 50 LA |
| Maximum cutting depth | 55 mm | 75 mm | 55 mm | 66 mm | 85 mm | 47 mm |
| Applications | | | | | | |
| Apertures for glass panes in internal doors | ● | ● | ○ | ○ | | |
| Apertures for glass panes in house doors | ◐ | ● | ○ | ◐ | | |
| Cutting doors to length | ● | ● | ○ | ◐ | ○ | |
| Sawing panelling for radiators, ventilation systems and loudspeakers | ● | ◐ | ○ | ○ | ○ | |
| Cutting recesses in kitchen worktops | ● | ◐ | ○ | ○ | | |
| Cutting false floors | ○ | ● | | ◐ | ◐ | |
| Cutting house doors to size, up to 75 mm thick | ○ | ● | ○ | ○ | ◐ | |
| Cutting conservatory profiles to size, up to 75 mm thick | ○ | ◐ | ○ | ○ | ◐ | |
| Cutting recesses in wooden workpieces and panels (coping) | ◐ | ◐ | ○ | ○ | ○ | |
| Cutting out old wooden flooring | ● | ● | ○ | ○ | ○ | |
| Cutting false joints | ● | | | | | |
| Cutting expansion joints in parquet floors | ● | ◐ | ○ | ○ | | |
| Cutting chipboard to size | ● | ● | ◐ | ◐ | ○ | |
| Cutting veneered or plastic-coated panels | ● | ● | ◐ | ◐ | ◐ | |
| Cutting MDF and plasterboard | ● | ◐ | ◐ | ◐ | ○ | |
| Cutting aluminium sheets, panels and profiles | ◐ | ◐ | ◐ | ◐ | ◐ | |
| Cutting plastic panels and profiles | ◐ | ◐ | ◐ | ◐ | ◐ | |
| Cutting PVC and aluminium cable ducts to length | ○ | ◐ | ○ | ◐ | ● | |
| Trimming and cutting planks to length | ○ | ● | ○ | ◐ | ● | |
| Cutting boards to size at the timber yard | ○ | ◐ | ● | ● | ● | |
| Cutting lining boards/shuttering to size | ○ | ○ | ● | ● | ○ | |
| Cutting the protruding ends of roofing boards | ○ | ○ | ● | ○ | ○ | |
| Cutting square timbers | ○ | ◐ | ○ | ● | ● | |
| Tapering rafters | | | | ◐ | ● | |
| Cutting tenons in beams | | | | ● | ◐ | |
| Cutting steel cable ducts | | ● | | | ● | |
| Cutting cement-bonded chipboard and fibreboard to size | | | | | | ● |
| Cutting synthetic-resin board | | | | | | ● |

○ Appropriate ◐ Very appropriate ● Extremely appropriate



Extraction system.

Clean results both in the workshop and on the construction site with Festool mobile dust extractors.

Mobile dust extractors from page 242



Workspace system.

The multifunction table MFT – versatile in the workshop, practical for assembly. Can even be used for sawing.

Multifunction table from page 91



Storage system.

The SYSTAINER keeps your work area neat and tidy with storage space for machines and accessories.

Storage systems from page 284

Sawing with portable circular saws

The tools at a glance

Plunge-cut saw TS 55

An all-round talent.



Main applications

- Precise plunge cuts in materials up to 55 mm thick
- Cutting interior doors to length using guide rail and plunge-cut saw
- Manufacturing expansion joints in parquet flooring and false joints
- Cutting chipboard to size
- Cutting and processing plasterboard

Strengths and benefits

- FastFix: quick and easy saw blade changing and adaptation to the working material
- Spring-loaded riving knife for unhindered plunge cuts
- Attachable splinterguard for high-quality working results
- SSB quick-acting safety brake system for safe, convenient sawing
- Tool-less play control on the guide rail

More from page 46

| | |
|---|-----------------|
| Power consumption | 1200 W |
| Power consumption | 1050 W |
| Saw blade speed | 2000–5200 rpm |
| Saw blade speed | 6500 rpm |
| Saw blade diameter | 160 mm |
| Cutting depth 90°/45° | 0–55/0–43 mm |
| Connection diameter for dust extraction | 27/36 mm |
| Weight (with electronics) | 4.4 kg (4.5 kg) |

 = with MMC electronics



Plunge-cut saw TS 75

Large saw with depth.



Main applications

- Precise plunge cuts in materials up to 75 mm thick
- Cutting house doors to length using guide rail and plunge-cut saw
- Cutting and machining conservatory profiles
- Cutting cable ducts to length cleanly and easily
- Accurately cutting false floors to size
- Cutting multilayered boards

Strengths and benefits

- FastFix: quick and easy saw blade changing and adaptation to the working material
- Spring-loaded riving knife for unhindered plunge cutss
- Attachable splinterguard for high-quality working results
- SSB quick-acting safety brake system for safe, convenient sawing
- Tool-less play control on the guide rail

More from page 49

| | |
|---|---------------|
| Power consumption | 1600 W |
| Saw blade speed | 1350–3550 rpm |
| Saw blade diameter | 210 mm |
| Cutting depth at 90°/45° | 0–75/0–54 mm |
| Connection diameter for dust extraction | 27/36 mm |
| Weight | 6.2 kg |

 = with MMC electronics



Pendulum cover saw AP 55

Compact universal machine.



Main applications

- Cutting boards for shuttering
- Cutting the protruding ends of roofing boards
- Trimming non-machined planks, up to 55 mm

Strengths and benefits

- Remote-control pendulum hood for safe sawing
- Step-less cutting depth adjustment for safe, precise cutting
- SSB quick-acting safety brake system for safe, convenient sawing
- Integral guide slot for using a guide rail without an adapter
- Spindle stop for easy saw blade changing

More on page 52

| | |
|---|---------------|
| Power consumption | 1200 W |
| Saw blade speed | 2000–4800 rpm |
| Saw blade diameter | 160 mm |
| Cutting depth 90°/45° | 0–55/0–41 mm |
| Connection diameter for dust extraction | 27/36 mm |
| Weight | 4.9 kg |

 = with MMC electronics



Pendulum cover saw AP 65

Powerful tool for lumber yards and building sites.



Main applications

- Cutting planks to length directly at the timber yard
- Cutting beams to length, up to 66 mm thick
- Trimming non-machined planks, up to 66 mm

Strengths and benefits

- Remote-control pendulum hood for safe sawing
- Step-less cutting depth adjustment
- SSB quick-acting safety brake system for safe, convenient sawing
- Integral guide slot for using a guide rail without an adapter
- Spindle stop for easy saw blade changing

More on page 52

| | |
|---|---------------|
| Power consumption | 1500 W |
| Saw blade speed | 1800–3800 rpm |
| Saw blade diameter | 190 mm |
| Cutting depth 90°/45° | 0–66/0–48 mm |
| Connection diameter for dust extraction | 27/36 mm |
| Weight | 6.7 kg |

■ = with MMC electronics



Pendulum cover saw AP 85

Powerhouse for heavy-duty cutting.



Main applications

- Trimming beams, up to 85 mm
- Cutting tenons in beams
- Cutting or tapering rafters
- Cutting plastic and steel cable ducts to length

Strengths and benefits

- Remote-control pendulum hood for safe sawing
- Clear view of scribe line and cutting line
- SSB quick-acting safety brake system for safe, convenient sawing
- Integral guide slot for using a guide rail without an adapter
- Spindle stop for easy saw blade changing

More on page 53

| | |
|---|-----------------|
| Power consumption | 1800 W |
| Power consumption | 1700 W |
| Saw blade speed | 1800–3800 rpm |
| Saw blade speed | 4500 rpm |
| Saw blade diameter | 240 mm |
| Cutting depth 90°/45° | 0–85/0–62 mm |
| Connection diameter for dust extraction | 27/36 mm |
| Weight (with electronics) | 8.8 kg (8.9 kg) |

■ = with MMC electronics



Building materials saw AXT 50

Professional for building.



Main applications

- Cutting hard and extremely hard building panels
- Cutting cement-bonded board to size
- Cutting cement-bonded silicate panels
- Cutting cement-bonded chipboard to length
- Cutting fibre cement panels
- Cutting synthetic-resin bonded panels

Strengths and benefits

- Closed extraction hood with sealing brush for clean, dust-free work
- High torque at low speeds for hard materials
- Accurate, dust-protected roller guide on special guide rail

More on page 54

| | |
|---|--------------|
| Power consumption | 750 W |
| Saw blade speed | 210 rpm |
| Saw blade diameter | 170 mm |
| Cutting depth 90°/45° | 0–47/0–30 mm |
| Connection diameter for dust extraction | 36 mm |
| Weight | 6.4 kg |



Sawing with portable circular saws

Plunge-cut saw TS 55



Simply perfect.

Our objective was to develop a superior portable circular saw that offered significant practical benefits, made cleaner cuts, avoided tiresome reworking and kept the number of handles to a minimum. We also strived to manufacture a saw that was easier to handle, weighed less and could be used in a wide range of applications. The result was the TS 55.

You can download the brochure for the TS 55 from www.festool.com.au



The guide rail and the attachable splinterguard ensure accurate plunge cuts that are splinter-free on both sides.



The TS 55 shows its full power when cutting recesses and cut-outs in materials up to 55 mm thick.



The combination of the guide rail and the plunge-cut saw guarantees unbeatable quality.

Setting the standard for portable circular saws.

With the TS 55, Festool has redefined standards for plunge-cut saws. A host of refinements afford unique benefits for your daily work.



Rotating extractor connector.

More freedom of movement; less dangerous obstacles. The suction hose never gets tangled or in the way and can always remain attached for maximum health protection.



FastFix® saw blade changing system.

The saw blade can now be changed in just a few moves. This means you can change the blade more often to suit the material you are working on, saving money.



MMC electronics.

Maximum adaptation to the working material, controlled speed and temperature monitoring. The quick-acting safety brake system improves safety by stopping the saw blade in two seconds.



Triple motor bearing.

The triple motor bearing improves the running smoothness and extends the service life.



Zero-play guidance.

No tools required to adjust the guidance jaws on the guide rail for accurate, zero-play guidance.



Spring-loaded spacer wedge.

It's always there when you need it - and moves out of the way when it isn't: the spring-loaded riving knife retracts into the housing during plunge cuts.



Scribe line = cut.

Exact cuts, even at an angle. The TS 55 makes the actual cut right on the edge of the scribe line, even at an angle.



Splinterguard on both sides.

Splinter-free cuts on both sides. The attachable splinterguard and the guide rail make it possible.

Plunge-cut saw TS 55 – The different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|-------------------|---|---|--|-----------|
| TS 55 EBQ-Plus FS | ● | ● | HW fine-tooth saw blade Z48, operating tool, guide rail FS 1400/2, 1 splinterguard | 561166 |
| TS 55 EBQ-Plus | ● | ● | HW fine-tooth saw blade Z48, operating tool, 1 splinterguard | 561172 |
| TS 55 EBQ-FS | ● | – | HW fine-tooth saw blade Z48, operating tool, guide rail FS 1400/2 | 561167 |
| TS 55 EBQ | ● | – | HW fine-tooth saw blade Z48, operating tool | 561238 |
| TS 55 Q-FS | – | – | HW universal saw blade Z28, operating tool, guide rail FS 1400/2 | 561169 |
| TS 55 Q | – | – | HW universal saw blade Z28, operating tool | 561239 |

Sawing with portable circular saws

Plunge-cut saw TS 55

The all-round talent up to 55 mm.



Quicker, better results.

Changing saw blades is quick and easy with the FastFix saw blade changing system. The correct saw blade is fitted in just a few moves - accurate, efficient sawing with the saw adapted to the material you are working on. This eliminates reworking and reduces sharpening costs.



System teamwork.

Comprehensive system accessories make your TS 55 more effective, more practical and quicker. Take the cover, for example, which improves the already excellent dust extraction and can also be used as a stop for sawing false joints.



Safety brake and control electronics.

When you switch off the tool, the SSB quick-acting safety brake system stops the saw blade in two seconds. The ingenious MMC control electronics allow speed adjustment, keep the settings constant and monitor the motor. Durable and adapted to the working material.



Your mobile workshop.

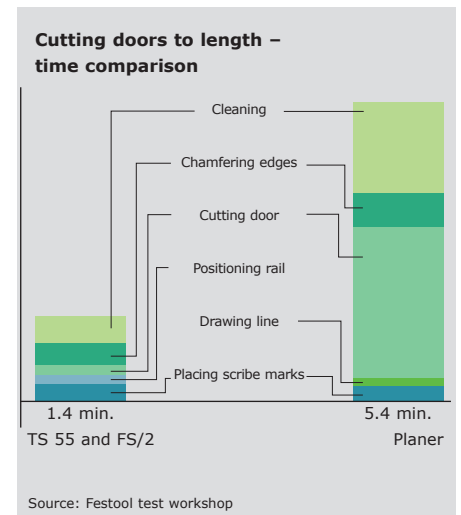
How often do you have to unexpectedly clamp a workpiece? Workbenches are usually not available at the assembly site and this is where the multifunction table saves the day. Combined with the guide rail and the plunge-cut saw - your mobile workshop.

Accessories for plunge-cut saws TS 55 can be found on page 55



Planing no longer needed.

Festool invented the guide rail so that all your cuts turn out perfectly: scribe a line, align the guide rail and away you go. No more time-consuming planing work when cutting doors to length, saving you time and money.



Work more quickly and efficiently.

The combination of a plunge-cut saw and a guide rail FS/2 saves you time and money, eg when cutting doors to length. The plunge-cut saw and guide rail complete the job three times quicker than a planer.

More details at www.festool.com/facts.

For more information, visit www.festool.com.au



Perfection in XXL.

Where the TS 55 reaches its limits, the TS 75 is really in its element and with a cutting depth of 75 mm, it can cut where conventional 65 mm machines simply cannot reach: suitable for house doors, multilayered board or thick planks. The TS 75 can be used for a whole new range of applications when combined with the guide rail.

You can download the brochure for the TS 75 from www.festool.com.au



Clean cuts: the guide rail and attachable splinter-guard ensure accurate 75 mm plunge cuts that are splinter-free on both sides.



The combination of the guide rail and the plunge-cut guarantees unbeatable quality, even when sawing recesses and cut-outs in doors.



Ready for new applications: with the guide rail, the TS 75 can even deal with multilayered boards or thick planks.

Sawing with portable circular saws

Plunge-cut saw TS 75

75 mm cuts and no competition.

No other plunge-cut saw offers a cutting depth of 75 millimetres and the many benefits that accompany it. A large selection of saw blades makes this saw even more impressive. Ideal for use in a wide range of applications.



Plunge-cut saw TS 75 – The different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|--------------------------|---|---|--|---------------|
| TS 75 EBQ-Plus-FS | ● | ● | Guide rail FS 1400/2, HW universal saw blade Z 36, limit stop, 1 splinterguard, operating tool | 561183 |
| TS 75 EBQ-Plus | ● | ● | HW universal saw blade Z 36, limit stop, 1 splinterguard, operating tool | 561191 |

Accessories for the plunge-cut saw TS 75 can be found on page 55

Technical data, see page 44

For more information, visit www.festool.com.au

Not only special because of its cutting depth.



No other saw cuts deeper.

Where conventional 65 mm machines reach their limits, the handy TS 75 really comes into its own. Together with the guide rail, the TS 75 allows for flexible working.



Always the right saw blade.

The same saw blade is often used to cut several different types of material because changing blades is simply too time-consuming. This obviously reduces the quality of the cut and the service life of the saw blade. But Festool has the solution: the FastFix saw blade changing system. It's as simple as that.



Accurate and easy.

The cutting depth of 75 mm and the famous plunge-cut principle are ideal for jobs involving larger workpieces and enable you to saw thick workpieces with one cut. This saves you having to turn the workpiece and minimises reworking.



Route one.

The guide rail: route one to quality working results. Perfectly straight cuts every time. Available in different lengths, from 800 mm to 5000 mm. See the "Guide systems" section for more information, from page 266.



A principle of flexibility.

For versatile and flexible applications. The correct saw blade and plunge-cut principle allow you to easily master trimming work on multilayered boards or cable ducts up to 75 mm thick.



Powerful and durable.

1600 watt power, 75 mm cutting depth and the plunge-cut principle make the TS 75 extremely strong. Outstanding pulling force and safe handling make easy work of even the toughest tasks.

Sawing with portable circular saws

Pendulum cover saws AP 55 and AP 65

The all-round safe solution.

AP 55: The AP 55 is the right choice for those requiring a compact, robust machine with a pendulum hood – also because of the safety equipment. AP 65: The AP 65

is the perfect tool for cutting notches in beams or trimming unmachined logs. The powerful motor on the saw makes quick work of wood.

Efficient dust extraction.

All Festool products are compatible: both 27 mm and 36 mm hoses can be used for maximum dust extraction.

Extension table.

The extension table extends the workpiece support surface, increasing the working quality.

Scribe line = cut.

Exact cuts, even at an angle. The pendulum cover saw tilts for angled cuts so that the actual cut is right on the edge of the scribe line.



MMC electronics.

Perfect adaptation to the material, controlled speed and temperature monitoring. For improved safety, the quick-acting safety brake system stops the saw blade immediately after the machine is switched off.

Remote-controlled pendulum hood.

The pendulum hood is equipped with a remote control so that you can slide it back easily without coming close to the saw blade.

Guide rail.

The pendulum cover saw with guide slot fits perfectly onto the Festool guide rail, making precise, straight cuts a matter of course.

Low weight and a practical design make the AP 55 the perfect partner, eg for sawing roofing boards.

Power and safety are two attributes that typify the AP 65, which has 1500 watts of power for more heavy-duty applications. Both machines impress with MMC electronics and safety equipment that includes a SSB quick-acting safety brake system and remote-controlled pendulum hood.



Trimming unmachined planks: the AP 65 with guide rail and Panther saw blade.



Practical because of its manoeuvrability. The light-weight AP 55 is extremely suitable for work on roofs or at construction sites.



Cutting planks to length - simple, safe and quick with the AP 65.



The multifunction table is the perfect solution for work at assembly sites or in the workshop, especially when used in combination with the guide rail and pendulum cover saw.

Pendulum cover saws AP 55 and AP 65 – The different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|------------------|---|---|---|-----------|
| AP 55 EB-Plus-FS | ● | ● | HW standard saw blade, chip deflector, operating tool, guide rail FS 1400/2 | 561030 |
| AP 55 EB-Plus | ● | ● | HW standard saw blade, chip deflector, operating tool | 561017 |
| AP 65 EB-Plus-FS | ● | ● | HW standard saw blade, chip deflector, operating tool, guide rail FS 1400/2 | 561031 |
| AP 65 EB-Plus | ● | ● | HW standard saw blade, chip deflector, operating tool | 561020 |

Accessories for pendulum cover saws AP 55 and AP 65 can be found on page 55 Technical data, see pages 44/45 For more information, visit www.festool.com.au

Sawing with portable circular saws

Pendulum cover saw AP 85

Powerhouse for heavy-duty cutting.

The main strengths of the machine are its robustness and overwhelming power as well as the tried and tested pendulum cover principle. Well equipped for thick

beams and planks. With so many benefits, this is a high-performance package.

Efficient dust extraction.
All Festool products are compatible. Both 27 mm and 36 mm hoses can be used on the AP 85 for maximum dust extraction.

Extension table.
The extension table extends the workpiece support surface, increasing the working quality as a result.

Scribe line = cut.
Exact cuts, even at an angle. The AP 85 tilts for angled cuts so that the actual cut is right on the edge of the scribe line.



MMC electronics.
Perfect adaptation to the material, controlled speed and temperature monitoring. For improved safety, the quick-acting safety brake system stops the saw blade immediately after the machine is switched off.

Remote-controlled pendulum hood.
So that you can slide the hood back easily without coming close to the saw blade.

Guide rail.
The AP 85 with guide slot fits perfectly onto the Festool guide rail, making precise, straight cuts a matter of course.

The AP 85 pendulum cover saw is the right machine for work requiring power and high technology. Cutting thick or non-machined planks, tapering or cutting rafters to length or cutting cable ducts to size is no real challenge for the AP 85. The SSB quick-acting safety brake system and MMC electronics lend the AP 85 more power and make work safer.



Sawing tenons, a typical application for the AP 85.



A potent combination: rip cuts in solid wood become a routine exercise with the AP 85, guide rail and Panther saw blade.



The guide rail: Route one to quality working results. Perfectly straight cuts every time. Available in different lengths, from 800 mm to 5000 mm.



The ideal partner for the AP 85: the multifunction table. In combination with the guide rail, it would be difficult to find a more flexible solution in the workshop or on the construction site.

Pendulum cover saw AP 85 – The different options

| | | | E = with electronics |
|-------------|---|---|----------------------|
| Model | E | Equipment/Scope of delivery | Order no. |
| AP 85 EB-FS | ● | HW standard saw blade, chip deflector, operating tool, guide rail FS 1400/2 | 561007 |
| AP 85 EB | ● | HW standard saw blade, chip deflector, operating tool | 561240 |
| AP 85 FS | – | HW standard saw blade, chip deflector, operating tool, guide rail FS 1400/2 | 561996 |
| AP 85 | – | HW standard saw blade, chip deflector, operating tool | 561241 |

Sawing with portable circular saws

Building materials saw AXT 50 LA

Professional for hard material.

Whatever type of building panel you need to cut, the AXT 50 LA can tackle it. From Duripanel and Eterplan to Isocolor, Suplux and Promatect, this building materials

saw with special saw blade can cut a wide range of materials cleanly and safely.

Clean.

The AXT 50 LA can be used in combination with mobile dust extractors CT, CTM or SR.

Enclosed housing.

The housing of the AXT 50 LA is completely enclosed to prevent dust from entering the inner mechanism, thereby extending the service life.

Brushes.

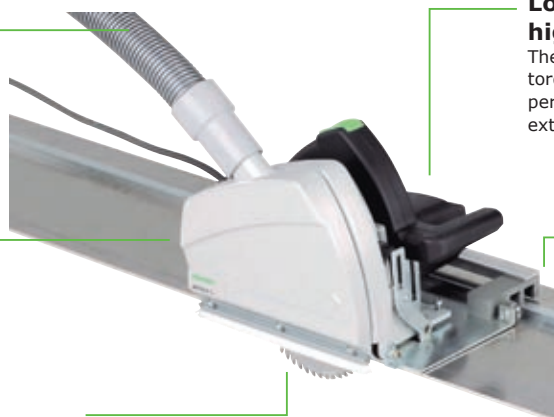
The extraction brushes run along the workpiece to maximise dust extraction.

Low speed – high torque.

The low cutting speed and high torque of the AXT 50 LA create the perfect conditions for cutting into extremely hard materials.

Reliable guidance.

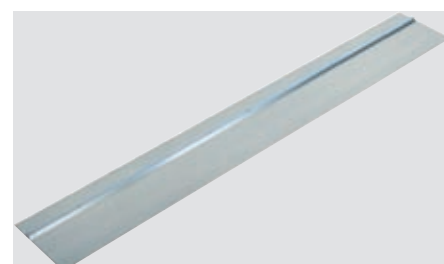
The AXT 50 LA has a special guide plate with rollers to adapt the saw to the AXT guide rail. The benefit here is that dust on the rail does not slow the machine down.



The AXT 50 LA is particularly powerful and because of its low speed and high torque, can cut through the hardest materials, eg fibre cement panels. A special guide rail is available so that the AXT 50 LA can produce quality working results in spite of generating abrasive deposits. The guide rollers on the machine run smoothly along the guide rail and help produce a straight, clean cutting edge, even on the toughest materials.



A closed extraction hood and sealing brush for maximum dust extraction.



The specially developed guide rail for the AXT 50 LA helps produce perfect working results (available as an accessory).



The accurate roller guide on the special guide rail prevents dust from getting in the way and guarantees a long service life.



The special saw blade for the AXT 50 LA cuts confidently through tough building panels and cement-bonded fibreboard.

Building materials saw AXT 50 LA and accessories

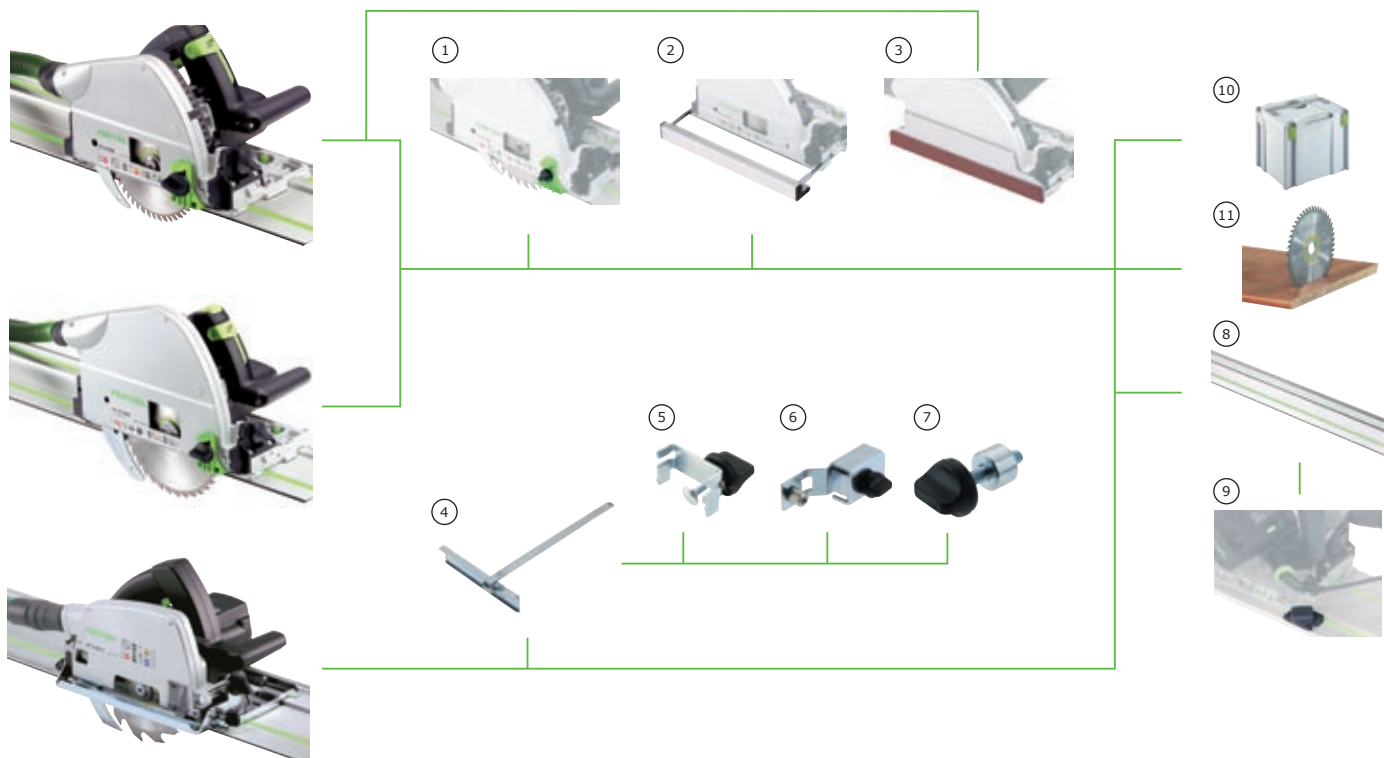
S = with SYSTAINER

| Model | S | Equipment/Scope of delivery | Order no. |
|---|---|--|---------------|
| AXT 50 LA-Plus | ● | HW special saw blade, number of teeth: 56, operating tool | 561860 |
| Saw guide, AUP 1750 | – | Special guide rail for AXT 50 LA, length 1750 mm | 482543 |
| Saw guide, AUP 3000 | – | Special guide rail for AXT 50 LA, length 3000 mm | 482544 |
| Special saw blade, 170x2.0x30 TF56 | – | For AXT 50 LA, dimensions in mm: 170 x 2.0 x 30 mm, number of teeth: 56, tooth shape: TF | 435450 |

Technical data, see page 45

For more information, visit www.festool.com.au

System overview and accessories



Accessories for plunge-cut saws TS 55 and TS 75, pendulum cover saws AP 55, AP 65 and AP 85

| Product | Explanation | Order no. |
|-----------------------------------|---|---------------|
| ① Splinterguard SP-TS 55/5 | For TS 55 and TS 75, for splinter-free cuts to the right of the saw blade, can be used with and without guide rail, qty. in pack: 5 | 491473 |
| ② Parallel stop PA-TS 55 | For TS 55, bilateral parallel stop, can also be used as an extension table | 491469 |
| Parallel stop PA-TS 75 | For TS 75, bilateral parallel stop, can also be used as an extension table | 492243 |
| ③ Cover ABSA-TS 55 | For TS 55, cover for improved dust extraction, can also be used as a false joint stop | 491750 |
| ④ Parallel stop PA-HKS | For AP 55, ATF 55, AP 65, AT 65, AP 85 in combination with adapter, max. workpiece width 220 mm | 483278 |
| ⑤ Stop adapter AD-AP 55 | For AP 55, ATF 55, for attaching parallel stop PA-HKS | 484583 |
| ⑥ Stop adapter AD-AP 65 | For AP 65, AT 65, for attaching parallel stop PA-HKS | 486314 |
| ⑦ Stop adapter AD-AP 85 | For AP 85, for attaching parallel stop PA-HKS | 484995 |
| ⑧ Guide rails | See "Guide system" section, from page 266 | |
| ⑨ Limit stop FS-RSP | For TS 55, TS 75, ATF 55, AP 55, AT 65, AP 65, AP 85, used as rear or front position stop on the guide rail, can also be used as a guide stop | 491582 |
| ⑩ SYSTAINER SYS-TS 55 | SYSTAINER size SYS 4, with insert | 491903 |
| SYSTAINER SYS-TS 75 | SYSTAINER size SYS 6, with insert | 493362 |
| SYSTAINER SYS-AT 65 | SYSTAINER size SYS 4, with insert | 487221 |
| SYSTAINER SYS-AP 65 | SYSTAINER size SYS 4, with insert | 487222 |
| SYSTAINER SYS-AP 55 | SYSTAINER size SYS 4, with insert | 487220 |
| SYSTAINER SYS-ATF 55 | SYSTAINER size SYS 4, with insert | 487219 |
| ⑪ Circular saw blades | From page 57 | |

Sawing with portable circular saws **Online**

Experience our portable circular saws online!

For comprehensive information on portable circular saws, the world of saw blades and saw accessories, and application tips, visit

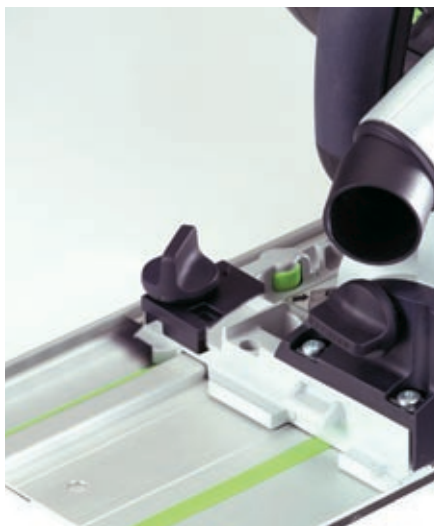
www.festool.com.au

You will also find:

- all other top-quality products by Festool
- a complete range of accessories
- 3-D animation
- a dealer search
- service information
- and lots more



Machines ...



... accessories ...



... and circular saw blades at a glance! All
this and more at **www.festool.com.au**

The saw blade makes a difference!

Festool is intensively involved in the development and production of high-quality portable circular and bench-mounted trimming saws. However, we believe that this alone is not sufficient to produce

the required cutting quality, as this depends primarily on the suitability of the saw blade. Festool strives for maximum quality, even with saw blades: high cutting quality, long service life, good sharpening properties, optimised chip guidance and minimal vibration and running noise. The high-quality steel blade body and the special fine-grain carbide-tipped saw teeth form a solid basis. Each saw blade type is also colour-coded and adapted to a specific range of applications. When used appropriately, Festool saw blades produce perfect working results, saving time, money and energy.



Baring its teeth.

The saw teeth are manufactured from fine-grain tungsten carbide and make Festool saw blades robust and hard-wearing. They bear up extremely well, even under the toughest conditions.

When the going gets hot.

Maximum precision, run-out and true-running accuracy thanks to blade cores with expansion slots that are manufactured using laser technology. This prevents distortion when the blade gets hot.

The right saw blade for every application.



Specialist for laminate and mineral material.

Special saw blade for laminated panels and mineral materials. Thanks to special fine-grain carbide, this saw blade is ideal for these materials, achieving a significantly longer service life.



Ideal for aluminium and tough plastic.

The special aluminium/plastic saw blade was developed to cut aluminium profiles and aluminium panels as well as hard and fibre-reinforced plastics.
















Tough and powerful: the Panther saw blade.

For rapid sawing with minimal application of force, especially in the case of rip cuts in solid wood. This energy saving is achieved using the special cutting angle. Suitable for soft and hard woods.

Sawing with portable circular saws

Circular saw blades

Colour code:

| Colour code | Material | Speed range |
|---|---|--|
|  |  |  3 – 6 |
|  |  |  3 – 5 |
|  |  |  1 – 6 |
|  |  | Fe 2 – 4 |
|  |  | Al 3 – 6 |



Cross-cut tooth saw blade (W and PW)

The teeth on this blade slope to the left and right and cut alternately. The alternate-tooth saw blade is a universal blade for all types of wood.



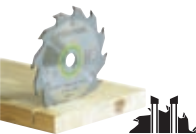







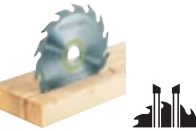









































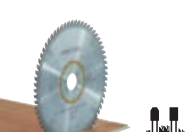
















Flat trapezoidal tooth saw blade (TF)

The edges of the trapezoidal teeth slant on both sides. They alternate with the flat teeth when cutting into the material. This tooth shape is used for cutting aluminium, hard plastic and materials with hard coatings.



Flat tooth saw blade (F)

The edges of the teeth are straight, not sloping. Each tooth cuts in the same way. This saw blade is used for cutting steel.

| | | | Grade | Order number | Saw blade dia. ¹⁾ | Centre bore dia. ¹⁾ | Cutting width ¹⁾ | Tooth angle ²⁾ | Tooth shape | No. of teeth | Colour code |
|---|---|---|---|-----------------|------------------------------|--------------------------------|-----------------------------|---------------------------|-------------|--------------|---|
|   |  |  | Standard | 487377 | 160 | 20 | 2,5 | 20 | W | 12 |  |
| | | | Standard | 486296 | 190 | 30 | 2,8 | 20 | W | 16 |  |
| | | | Standard | 493197 | 210 | 30 | 2,6 | 20 | W | 18 |  |
| | | | Standard | 437042 | 240 | 30 | 2,8 | 20 | W | 22 |  |
|   |  |  | Panther | 439685 | 160 | 20 | 2,5 | 35 | PW | 14 |  |
| | | | Panther | 492049 | 190 | FF ³⁾ | 2,6 | 28 | PW | 16 |  |
| | | | Panther | 486298 | 190 | 30 | 2,8 | 37 | PW | 14 |  |
| | | | Panther | 493196 | 210 | 30 | 2,6 | 28 | W | 16 |  |
| | | | Panther | 488290 | 225 | 30 | 2,6 | 38 | PW | 18 |  |
| | | | Panther | 438698 | 240 | 30 | 2,8 | 38 | PW | 18 |  |
|   |  |  | Universal | 490516 | 160 | 20 | 2,5 | 15 | W | 28 |  |
| | | | Universal | 492048 | 190 | FF ³⁾ | 2,6 | 10 | W | 32 |  |
| | | | Universal | 490517 | 190 | 30 | 2,8 | 15 | W | 32 |  |
| | | | Universal | 493198 | 210 | 30 | 2,4 | 15 | W | 36 |  |
| | | | Universal | 488288 | 225 | 30 | 2,6 | 20 | W | 32 |  |
| | | | Universal | 490518 | 240 | 30 | 2,8 | 15 | W | 32 |  |
|   |  |  | Fine tooth | 491952 | 160 | 20 | 2,2 | 5 | W | 48 |  |
| | | | Fine tooth | 492050 | 190 | FF ³⁾ | 2,4 | 8 | W | 48 |  |
| | | | Fine tooth | 486297 | 190 | 30 | 2,8 | 8 | W | 48 |  |
| | | | Fine tooth | 493199 | 210 | 30 | 2,4 | 5 | W | 52 |  |
| | | | Fine tooth | 491050 | 216 | 30 | 2,3 | -5 | W | 48 |  |
| | | | Fine tooth | 488289 | 225 | 30 | 2,6 | 10 | W | 48 |  |
| | | | Fine tooth | 435187 | 240 | 30 | 2,8 | 10 | W | 48 |  |
|   |  |  | Aluminium/plastic | 439686 | 160 | 20 | 2,5 | -5 | TF | 56 |  |
| | | | Aluminium/plastic | 492051 | 190 | FF ³⁾ | 2,6 | -5 | TF | 58 |  |
| | | | Aluminium/plastic | 486299 | 190 | 30 | 2,8 | -5 | TF | 68 |  |
| | | | Aluminium/plastic | 493201 | 210 | 30 | 2,4 | -5 | TF | 72 |  |
| | | | Aluminium/plastic | 491051 | 216 | 30 | 2,3 | -5 | W | 60 |  |
| | | | Aluminium/plastic | 488291 | 225 | 30 | 2,6 | -5 | TF | 68 |  |
| | | | Aluminium/plastic | 438638 | 240 | 30 | 2,8 | -5 | TF | 80 |  |
|   |  |  | Laminate/mineral material | 489457 | 160 | 20 | 2,6 | 4 | TF | 48 |  |
| | | | Laminate/mineral material | 492052 | 190 | FF ³⁾ | 2,6 | 4 | TF | 54 |  |
| | | | Laminate/mineral material | 489458 | 190 | 30 | 2,6 | 4 | TF | 54 |  |
| | | | Laminate/mineral material | 493200 | 210 | 30 | 2,4 | 4 | TF | 60 |  |
| | | | Laminate/mineral material | 489459 | 225 | 30 | 2,6 | 4 | TF | 64 |  |
|   |  |  | Steel/Multilayered board | 493351 | 210 | 30 | 2,2 | 1 | F | 36 |  |
| | | | Steel/Multilayered board | 487271 | 240 | 30 | 2,6 | 1 | F | 48 |  |
| | |  |  | Building panels | 435450 | 170 | 30 | 2,0 | 8(-4) | TF | 56 |
| Recommended speed range | | | | | | | | | | | |

¹⁾indicated in mm

²⁾indicated in °

³⁾FF = FastFix interface

| Processed material | | | | | | | | | | | | | | | | | | | | Suitable for machine | |
|--|--|--|---|--|--|---|--|--|--|---|--|--|--|--|--|--|--|--|--|----------------------|--|
| Coated panels, laminate panels | | | ● | | | ○ | | | | ○ | | | | | | | | | | TS 55, ATF 55, AP 55 | |
| Veneered panels, parquet | | | ● | | | ○ | | | | ○ | | | | | | | | | | TS 75 | |
| Soft plastic, soft PVC | | | ● | | | ○ | | | | ○ | | | | | | | | | | AT 65, AP 65 | |
| Hard plastic, hard PVC | | | | | | ○ | | | | ○ | | | | | | | | | | AXT 50 LA | |
| Hard, abrasive building panels, cement-bonded chipboard, Eternit | | | | | | ○ | | | | ○ | | | | | | | | | | AP 85 | |
| Solid wood cross sections, blockboard | | | | | | ○ | | | | ○ | | | | | | | | | | PRECISIO CS 70 | |
| Rip cuts in solid wood | | | | | | ○ | | | | ○ | | | | | | | | | | PRECISIO CS 50 | |
| Aluminium panels 8–25 mm, aluminium profiles | | | | | | | | | | | | | | | | | | | | SYMMETRIC SYM 70 E | |
| MDF and plasterboard, soft cement panels | | | | | | | | | | | | | | | | | | | | | |
| Plywood, multiplex/multilayered wood | | | | | | | | | | | | | | | | | | | | | |
| Acrylic glass (Plexiglas) | | | | | | | | | | | | | | | | | | | | | |
| Fibre-reinforced plastics | | | | | | | | | | | | | | | | | | | | | |
| Phenolic-resin-bonded wood, paper, fabric (Resopal, Resitex, Werzalit) | | | | | | | | | | | | | | | | | | | | | |
| Steel cable ducts, multilayered board, false floors | | | | | | | | | | | | | | | | | | | | | |
| MDF - Medium-density fibreboard | | | | | | | | | | | | | | | | | | | | | |
| Melamine resin board (Trespa, Dytron) | | | | | | | | | | | | | | | | | | | | | |
| Aluminium composite board (Alucobond, Dibond) | | | | | | | | | | | | | | | | | | | | | |
| HDF - High-density fibreboard | | | | | | | | | | | | | | | | | | | | | |
| Non-ferrous metals, copper, brass | | | | | | | | | | | | | | | | | | | | | |
| Untreated chipboard | | | | | | | | | | | | | | | | | | | | | |
| Rockwool board | | | | | | | | | | | | | | | | | | | | | |
| Dry plaster material | | | | | | | | | | | | | | | | | | | | | |
| TS 55, ATF 55, AP 55 | | | | | | | | | | | | | | | | | | | | | |
| TS 75 | | | | | | | | | | | | | | | | | | | | | |
| AT 65, AP 65 | | | | | | | | | | | | | | | | | | | | | |
| AXT 50 LA | | | | | | | | | | | | | | | | | | | | | |
| AP 85 | | | | | | | | | | | | | | | | | | | | | |
| PRECISIO CS 70 | | | | | | | | | | | | | | | | | | | | | |
| PRECISIO CS 50 | | | | | | | | | | | | | | | | | | | | | |
| SYMMETRIC SYM 70 E | | | | | | | | | | | | | | | | | | | | | |

○ Appropriate ● Very appropriate ● Extremely appropriate

Different jobs – same saw.

The nature of your tasks always changes, whether you are laying floors or fitting interiors. Trimming a board one minute, rip-cutting the next. Thank goodness for Festool semi-stationary saws! With sophisticated ideas and patented solutions, our saws can be quickly adapted for almost any application.



Flexible and straight to the point

Page 62

Applications

Page 63

The tools at a glance

Bench-mounted trimming saws *PRECISIO*®

Compound mitre saw *SYMMETRIC*®

Page 64

Accessories

For *PRECISIO*® CS 50

For *PRECISIO*® CS 70

For *SYMMETRIC*® SYM 70

Page 73



Semi-stationary sawing Bench-mounted trimming saws and compound mitre saws

Flexible and straight to the point.



The SYMMETRIC has a bevel and patented stop so you can cut skirting boards or strips accurately and easily.

The nature of your tasks in the workshop or at assembly sites constantly changes: from cross-cutting to rip-cutting and back again. Made easy by Festool; no modifications required.

With PRECISIO bench-mounted saws, you simply move the angle stop from cross-cut to rip-cut and can carry on working without delay. Quality does not suffer as a result. The splinterguard, easy saw

blade changes and a complete system of accessories help achieve your objectives more quickly, easily and efficiently. The SYMMETRIC compound mitre saw, whose patented synchronous stop makes work so much easier, also deserves a mention. Simply use the bevel to record the angle

from the wall or recess, transfer it over to the stops and make the cut.



The PRECISIO CS 50 – fit the right saw blade to adapt to the working material without using tools.



Both rip-cutting and cross-cutting are possible with the versatile PRECISIO CS 50 and CS 70 bench-mounted saws. Complete two tasks using just one saw, without making any major modifications.

FESTOOL THE SYSTEM



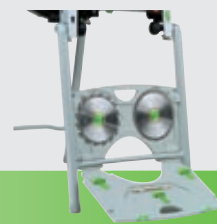
At Festool, we do not only think in terms of tools, but also in terms of systems so that you can work more quickly, easily and efficiently.



Saw blade system.

Best results with the right saw blade. Festool develops all its own blades for maximum performance.

Circular saw blades from page 57 onwards



Storage system.

Saw blades and the splinterguard are always within easy reach when stored in the saw blade holder.

Storage system from page 73

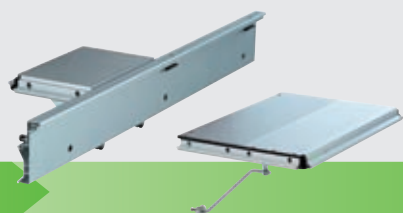
Application overview – Semi-stationary saws

The table shows all standard applications and the most appropriate machine for these applications. The relevant details are included on the following pages.

Semi-stationary sawing

| | PRECISIO® CS 50 52 mm | PRECISIO® CS 70 70 mm | SYMMETRIC® SYM 70 70 mm |
|---|-----------------------------|-----------------------------|-------------------------------|
| Maximum cutting depth | | | |
| Cross-cutting | | | |
| Angled cuts up to 180 degrees | ● | ● | |
| Cutting PVC and aluminium cable ducts to length | ○ | ● | |
| Cutting recesses in wooden workpieces and panels | ● | ● | |
| Trimming boards up to 290 mm wide | ● | ● | |
| Trimming laminate panels up to 300 mm | ● | ● | |
| Cutting skirting boards up to 70 mm along the bisector | ○ | ◐ | ● |
| Cutting cornices up to 70 mm along the bisector | ○ | ◐ | ● |
| Cutting threshold profiles up to 80 mm wide | ● | ● | ● |
| Cutting strip material accurately | ◐ | ◐ | ● |
| Trimming aluminium and other non-ferrous metal profiles | ● | ● | ◐ |
| Trimming plastic materials and profiles | ● | ● | ● |
| Rip-cutting | | | |
| Cutting solid wood up to 70 mm thick | ◐ | ● | |
| Cutting solid wood up to 52 mm thick | ● | ● | |
| Cutting veneered or plastic-coated panels | ● | ● | |
| Cutting planks/square timber | ○ | ● | |
| Cutting chipboard to size | ● | ● | |
| Cutting mineral materials | ● | ● | |
| Cutting hidden grooves | ● | ● | |
| Cutting rebates | ● | ● | |

○ Appropriate ◐ Very appropriate ● Extremely appropriate



Extension system.

Wider, longer, larger – PRECISIO saws can be upgraded at any time by adding various accessories.

System accessories from page 73

System connections.

Protect your health: sophisticated features are incorporated into Festool saws for excellent dust extraction.

Extractor set from page 73

Extraction system.

Clean results with our mobile dust extractors, both in the workshop and on the construction site.

Mobile dust extractors from page 242

Semi-stationary sawing

The tools at a glance

Trimming saw *PRECISIO*® CS 51

A lightweight.



Main applications

- Draw the saw blade for quick, precise cross cuts up to 300 mm wide
- Cross cuts up to 200 mm wide at 45°
- Rip cuts up to a depth of 52 mm
- Tilting saw blade for angled cuts between -2° and 47°
- Retractable riving knife for hidden cuts – removal not necessary

Strengths and benefits

- tool-less FastFix saw blade changes
- Multifunction handle: one handle with all functions integrated
- Saw blade holder (accessory): saw blades and splinterguard always within easy reach
- Moving splinterguard for splinter-free cuts on both sides
- Surrounding V groove for locating angle stops
- Can be upgraded to a sawing station by adding an extensive range of accessories

More from page 65

| | |
|----------------------------------|-------------------|
| Power consumption | 1200 W |
| Saw blade speed | 1600–4200 rpm |
| Saw blade diameter | 190 mm |
| Cutting depth at 90°/45° | 0–52/0–37 mm |
| L. of cut x mat. thickness | 294 x 16 mm |
| Table dimensions | 585 x 400 mm |
| Wkg height inc folding legs | 316 mm (900 mm) |
| Connection dia. d/e | 27/36 mm |
| Weight (including foldaway legs) | 17.4 kg (19.5 kg) |

 = with MMC electronics



Trimming saw *PRECISIO*® CS 71

Strong and sturdy.



Main applications

- Draw the saw blade for quick, precise cross cuts up to 320 mm wide
- Cross cuts up to 226 mm wide at 45°
- Rip cuts up to a depth of 70 mm
- Tilting saw blade for angled cuts between -2° and 47°
- Retractable riving knife for hidden cuts – removal not necessary

Strengths and benefits

- 2,200 watt universal motor for powerful cutting
- Moving splinterguard for splinter-free cuts on both sides
- Clearly laid out, well-positioned control elements
- Surrounding V groove for locating angle stops
- Can be upgraded to a sawing station by adding an extensive range of accessories

More from page 68

| | |
|-----------------------------|-----------------|
| Power consumption | 2200 W |
| Saw blade speed | 2000–4200 rpm |
| Saw blade speed CS 70 E | 4200 m |
| Saw blade diameter | 225 mm |
| Cutting depth at 90°/45° | 0–70/0–48 mm |
| L. of cut x mat. thickness | 320 x 16 mm |
| Table dimensions | 690 x 500 mm |
| Wkg height inc folding legs | 375 mm (900 mm) |
| Connection dia. d/e | 27/36 mm |
| Weight | 34.5 kg |

 = with MMC electronics



Compound mitre saw *SYMMETRIC*®

Compound mitre saw.



Main applications

- Cutting skirting boards along the bisector without making calculations
- Cutting glass trim, cornices and end strips accurately without calculating measurements
- Cutting blunt and pointed corners easily

Strengths and benefits

- Patented symmetrical stop system
- Easy angle transfer using a bevel, cutting along the bisector without making calculations
- Stops easy to clamp, no tools required
- MMC electronics adapt to the working material
- Slim, central cross-cut unit for left and right-handed operation

More from page 71

| | |
|--------------------|---------------|
| Power consumption | 1150 W |
| Saw blade speed | 2700–5200 rpm |
| Saw blade diameter | 216 mm |
| Interior angle | 0°–68° |
| Exterior angle | 0°–60° |
| Max. strip height | 70 mm |
| Max. strip width | 80 mm |
| Weight | 9.5 kg |

 = with MMC electronics



Semi-stationary sawing Bench-mounted trimming saw *PRECISIO*® CS 50

FESTOOL



Light in weight. Powerful in action.

The “small” PRECISIO is not really small at all. Apart from its weight, it is right up there with the big boys! Suitable for a variety of applications, it boasts a host of useful features, including tool-less saw blade changes, a multifunction handle and ease of operation.

SEMI-STATIONARY SAWING

You can download the brochure for the PRECISIO CS 50 from www.festool.com.au



The PRECISIO CS 50 has an impressive cutting path of 304 mm.



Fit the right saw blade more quickly with the tool-less saw blade changing system.




Absolutely top class: the floor version of the PRECISIO CS 50 without foldaway legs only weighs 17.4 kg (approx).

Semi-stationary sawing

Bench-mounted trimming saw *PRECISIO*® CS 50

Full power perfectly under control.

The PRECISIO CS 50 is the perfect solution for cross and rip cuts in applications involving interior fitting, furniture assembly and exhibition stand construction. Thanks to its low weight and a host of ingenious functions, the CS 50 is ideal for applications where the nature of the work constantly changes, eg assembly tasks.



Angle stop.
The angle stop swivels 180° and can be used easily on either side. The CS 50 can therefore be changed from the cross-cut to the rip-cut position in no time at all.

Splinterguard on both sides.
The CS 50 has a moving splinterguard that guarantees maximum quality and splinter-free cuts on both sides.

Tool-less saw blade changes.
The Festool FastFix saw blade changing system helps you quickly adapt your saw to the working material. The correct blade is fitted in an instant – without the need for any tools.

304 mm cutting path.
The CS 50 has a cutting path of 304 mm, allowing you to make cross cuts of up to 200 mm, even at an angle of 45°.

Multifunctional handle.
All important control elements integrated in one handle: on/off switch; speed adjustment; quick start/stop function; guiding mechanism.

Angled cuts.
Adjusting the cutting angle for angled cuts between -2° to 47° is quick and easy thanks to the convenient control elements on the CS 50.

Lightweight and easy to transport.
Low weight and integrated foldaway legs: the CS 50 is easy to transport and set up in seconds. Changing the working height is easy.

Saw blade holder.
A useful accessory. There is sufficient space in the saw blade holder for up to 4 saw blades, a splinterguard and pencil - dust-protected and within reach at all times.

Bench-mounted trimming saw *PRECISIO*® CS 50 – The different options

E = with electronics

| Model | E | Equipment/Scope of delivery | Order no. |
|------------------------------------|---|---|---------------|
| CS 50 EB Floor (n/a in Aus) | ● | HW saw blade Z 32, angle stop, foldaway legs, 3 x splinterguard, digital MMC electronics, workpiece holder, operating tool | 561206 |
| CS 50 EB | ● | HW saw blade Z32, angle stop, foldaway legs, 3 x splinterguard, digital MMC electronics, extractor set, workpiece holder, operating tool | 561195 |
| CS 50 EB Set | ● | HW saw blade Z 32, angle stop, longitudinal stop, sliding table, extension tables, foldaway legs, 3 x splinterguard, extractor set, digital MMC electronics, workpiece holder, operating tool | 561203 |

The CS 50: sawing doesn't have to be a chore.



Strong pulling force.

The impressive cutting path of 304 mm on the CS 50 means you can easily trim boards up to approx. 300 mm wide at 90° and up to 200 mm wide at 45°.



Always a firm grip.

All important control elements are located on the multifunction handle to avoid awkward hand positions when cross-cutting. Simply switch on the machine, preselect the cutting speed, draw the saw blade through the wood, switch off and you're done.



Maximum protection on both sides.

The moving splinterguard CS 50 SP minimises splintering on both sides of the cut. Just attach, bed in and start sawing. For minimal reworking and maximum quality.



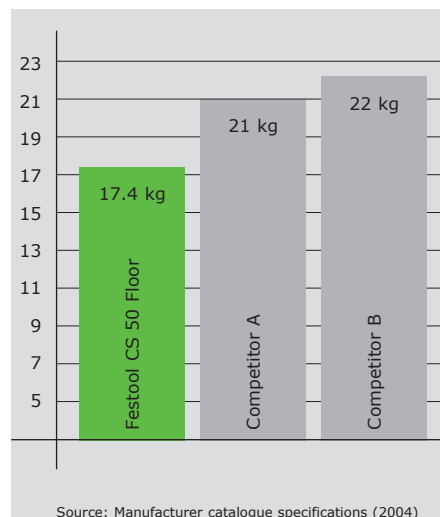
Straight to the correct angle.

One major plus point of the CS 50 is that you can produce accurate, straight angled cuts without measuring or calculating. Easily accessible control elements help you set cutting angles and cutting depths quickly and without ceremony.



Mobile or stationary.

Comprehensive system accessories allow you to upgrade the CS 50 to a complete sawing station with minimal effort. Even cutting cross sections up to 830 mm on both the floor and Set version poses no problems here.



The lightest in its class.

The CS 50 was developed primarily for assembly work. High-quality materials mean maximum stability and low weight – making your work easier. More details at www.festool.com/facts.

Semi-stationary sawing **Bench-mounted trimming saw *PRECISIO*® CS 70**



Powerful in practice.

The PRECISIO CS 70 is a semi-stationary solution for tackling large-dimension workpieces in the workshop and at assembly sites. With precision, flexibility and 2200 watt power, the PRECISIO can cope with even the toughest applications, especially those requiring outstanding pulling power and cutting depth.



Cross cuts up to 320 mm in an instant with the CS 70.



Simply adjust the angle stop and the CS 70 is ready to go.



Even cross-cutting at angles of eg 45° is possible with the angle stop and the CS 70.

Solid, strong and uncompromising.

The size and power of the CS 70 really begin to show when cutting workpieces up to 70 mm thick, both in the workshop and at assembly sites. All made possible by its low weight and other fine technical details.



2200 watt power output.

The CS 70 has a powerful drive motor to generate sufficient pulling force. A power output of 2200 watts guarantees maximum cutting power – even with harder materials.



Splinterguard on both sides.

The CS 70 has a moving splinterguard for maximum quality and splinter-free cuts on both sides.



Retractable riving knife.

Allows you to produce hidden cuts, grooves and rebates without having to remove the riving knife.



320 mm cutting path.

The CS 70 has a cutting path of 320 mm, enabling cross cuts up to 650 mm and rip cuts up to 680 mm wide with the right accessories.



Attached securely.

The groove in the saw table helps you keep everything under control. Simply secure the workpiece using the lever clamps.



Angle stop.

The angle stop swivels 180° and can be used easily on either side. The CS 70 can therefore be changed from the cross-cut to the rip-cut position in no time at all.



Lightweight and easy to transport.

Despite its size, the CS 70 is easy to transport and can be set up in an instant thanks to foldaway legs and low weight. Changing the working height is easy too.



Simple saw blade changes.

Simple saw blade changes from above help you adapt your saw to the working material with ease. Fitting the right saw blade is quick and uncomplicated – reaching under the machine is a thing of the past.

Bench-mounted trimming saw *PRECISIO*® CS 70 – The different options

E = with electronics

| Model | E | Equipment/Scope of delivery | Order no. |
|-----------------------------|---|---|---------------|
| CS 70 E (n/a in Aus) | ● | HW saw blade Z32, angle stop, workpiece holder, operating tool | 561138 |
| CS 70 EB | ● | HW saw blade Z32, HW fine-tooth saw blade Z48, 3 x splinterguard, angle stop, extractor set, workpiece holder, operating tool | 561212 |
| CS 70 EB Set | ● | HW fine-tooth saw blade Z48, HW saw blade Z32, sliding table, table widener CS 70 VB, longitudinal stop, extension CS 70 VL, 3 x splinterguard, extractor set, angle stop, workpiece holder, operating tool | 561146 |

Semi-stationary sawing **Bench-mounted trimming saw *PRECISIO*® CS 70**

The CS 70: technology that stands out.



Adjust, clamp and ready to go.

The CS 70 does the job of two different saws. Change from cross-cutting to rip-cutting with a few hand movements. Simply locate the angle stop in the V groove provided, secure and continue with your work.



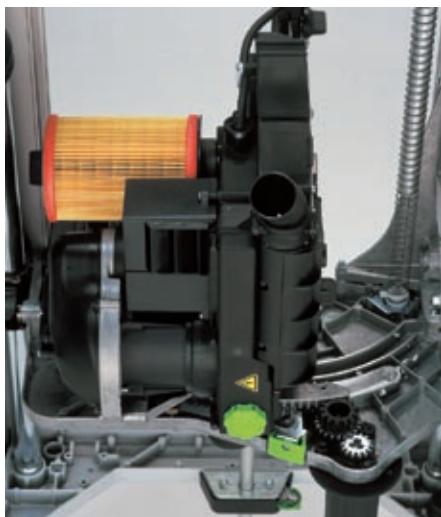
Like a knife through butter.

With a powerful 2200 watt motor and a cutting depth of 70 mm, the PRECISIO CS 70 can even tackle thick timber. Rip cuts in hard solid wood pose no problem either.



Strong but lightweight.

The first time you pick up the CS 70, you will be amazed at the weight of the machine considering its power and wide range of uses. But it is no coincidence that this saw is both strong and lightweight. The honeycomb design makes the aluminium-steel base frame both stable and easy to carry.



For the toughest conditions.

Dust and dirt is always generated in the workshop and on construction sites. The motor of the CS 70 is encapsulated to ensure that a dusty working environment does not affect the internal mechanism. The air filter prevents eg aluminium chips from entering the motor and causing damage.



Convenient blade changes.

Saw blades on Festool bench-mounted trimming saws can be conveniently changed from above. Simply remove the tabletop insert and change the saw blade from above to adapt to the working material.



Mobile or stationary.

Comprehensive system accessories allow you to upgrade the CS 70 to a complete sawing station with minimal effort, enabling you to make cross cuts on materials that exceed standard dimensions.

Accessories for the bench-mounted trimming saw PRECISIO CS 70 can be found on page 74

For more information, visit www.festool.com.au

Semi-stationary sawing

Compound mitre saw *SYMMETRIC*® **SYM 70**



Trimming strips could not be easier.

Measure the angle, calculate the bisecting angle, carefully adjust the cutting angle on the cross-cut saw and begin sawing: a laborious task indeed. Not with the SYMMETRIC by Festool, however. All kinds of strip material can now be cut quickly without making any calculations – for both interior and exterior angles.

Electronics.
The adjustable speed control allows you to adapt the SYMMETRIC to cut different materials. The integral electronics make sure that the preset speed remains constant.

Stop clamp.
A single hand movement locks the two symmetrical stop jaws to prevent them from moving once the angle has been transferred.

Left and right-handed operation.
The compound mitre saw has a symmetrical design so that both left and right handers can cut accurate interior and exterior angles.

Angle adjustment.
The SYMMETRIC can cut exterior angles up to 60° and interior angles up to 68°.

Automatic bisection.
The unique stop system on the SYMMETRIC takes the credit here. You don't even need to calculate the bisecting angle; simply transfer the desired angle and start cutting.

Dust extraction.
Central extraction connector for a 27 mm or 36 mm suction hose. For effective dust extraction.

Durability.
From the robust housing to smooth guidance of the stop system, the SYMMETRIC is designed to last and give you many years of enjoyment.

Easy angle transfer.
It really is simple: use the bevel to record the angle from the wall or recess, transfer it over to the patented stop system and make the cut.

SEMI-STATIONARY SAWING

| Compound mitre saw <i>SYMMETRIC</i> ® SYM 70 E | | | E = with electronics |
|---|---|--|----------------------|
| Model | E | Equipment/Scope of delivery | Order no. |
| SYM 70 E | ● | HW fine-tooth saw blade Z48, precision adjustable square, operating tool | 561175 |

Semi-stationary sawing Compound mitre saw *SYMMETRIC*® **SYM 70**

SYMMETRIC® – a wealth of ideas for strip materials.



A smart solution.

Cutting strip material is a time-consuming task. Not with the SYMMETRIC, however. The patented stop system makes quick work of cutting strips. Simply use the bevel to record the angle from the wall or recess, transfer it over to the symmetrical stops and make the cut.



There is a simpler way!

Very acute angles are no problem for the Symmetric, thanks to its stop system. Even time-consuming calculation of the bisectors is no longer necessary, eliminating another possible source of error and increasing the quality of your work.



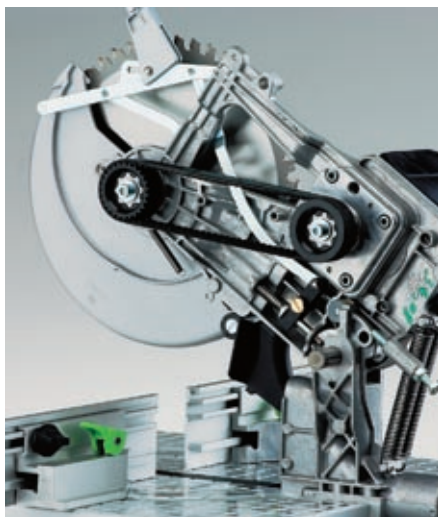
Even for obtuse angles.

The bevel and the SYMMETRIC can even be used to record and cut angles greater than 90° with no problem at all. No other saw is so versatile and easy to use. Just the solution for unusual ideas.



A firm grip.

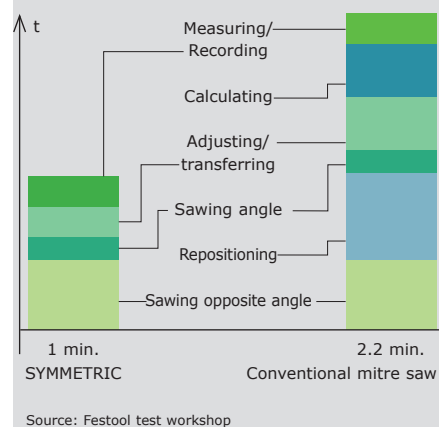
The stop jaws on the SYMMETRIC can be locked to prevent the preset angle from moving while you work. Whether interior angles up to 68° or exterior angles up to 60°, everything stays in the right position.



Extremely durable.

Anyone who buys a SYMMETRIC will almost certainly keep it for a long time. The reinforced honeycomb base plate, precise drive mechanism bearing, robust swivelling segment and sophisticated stop system mount are designed to last.

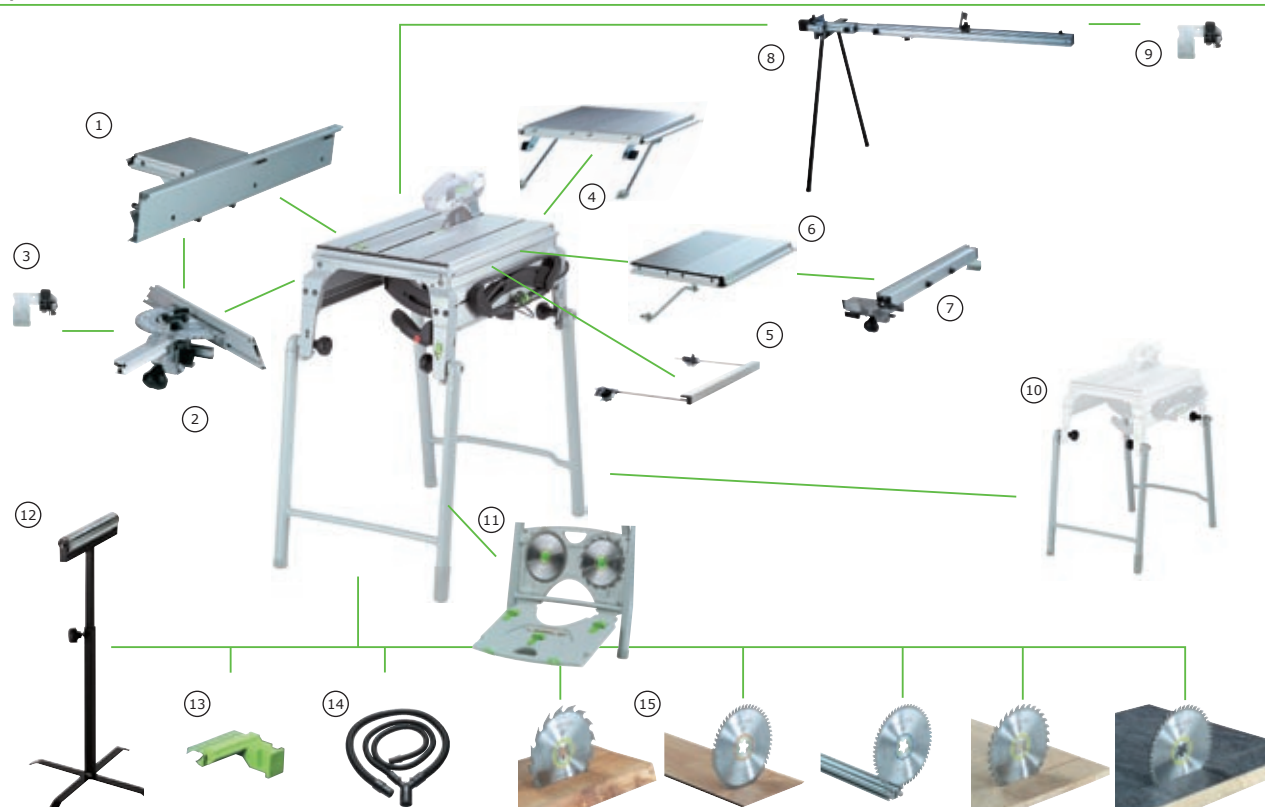
Trimming strip material – time comparison



Save yourself time and energy.

A SYMMETRIC cuts strip material twice as fast as a conventional circular cross-cut saw, allowing you to complete the task more quickly and save more time for other jobs. More details at www.festool.com/facts.

System overview and accessories



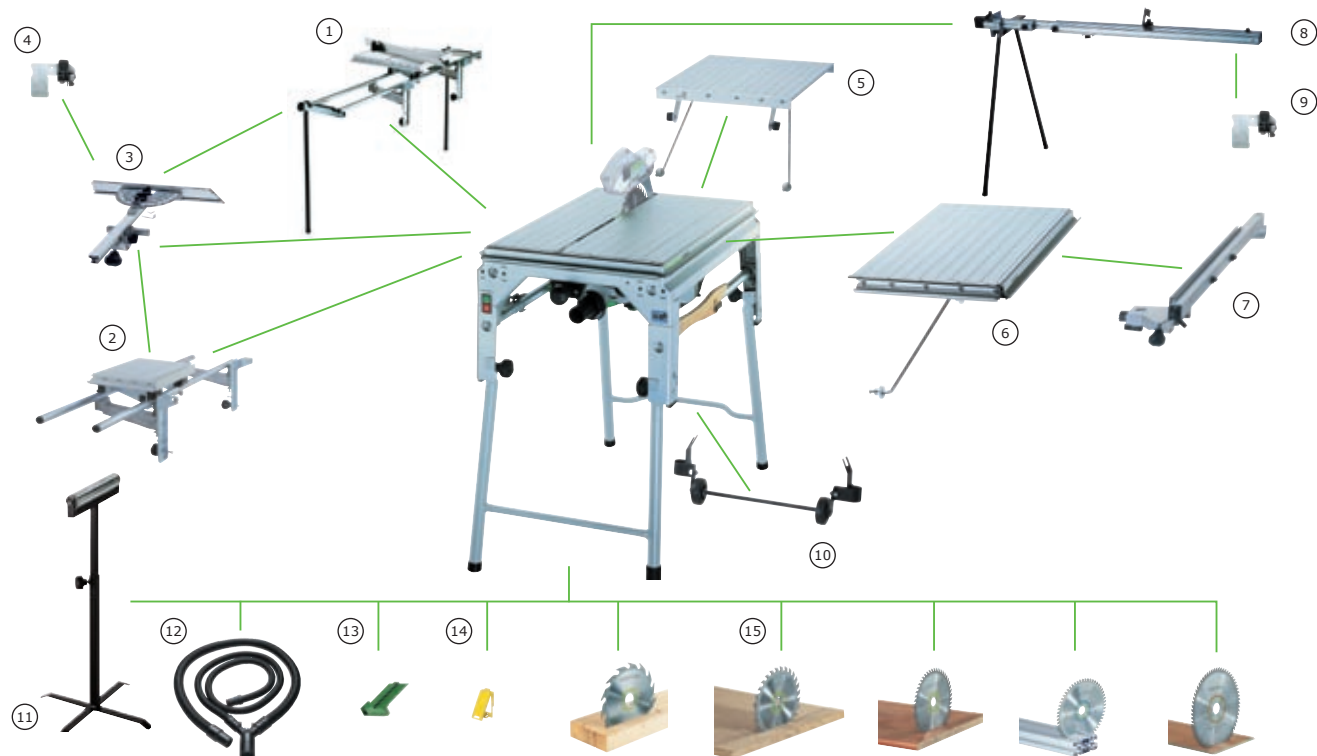
Accessories for the bench-mounted trimming saw *PRECISIO*® CS 50

| Product | Explanation | Order no. |
|---------------------------------------|--|---------------|
| ① Sliding table CS 50 ST | For PRECISIO CS 50, quick and easy attachment and removal, max. width for cross cuts: 830 mm | 492100 |
| ② Angle stop CS 70 WA | For PRECISIO CS 70 and CS 50, for working with 2 stops | 488451 |
| ③ Stop flag CS 70 WA-AR | For PRECISIO CS 70 and CS 50, for stopping workpieces on angle stops CS 70 WA, CS 50 WA and Basis WRA 500 | 491712 |
| ④ Extension table CS 50 VL | For PRECISIO CS 50, easy attachment, folds away, extends support surface by 400 mm, for supporting long workpieces when sawing to width | 492092 |
| ⑤ Support CS 50 AF | For PRECISIO CS 50, can be fitted either side, supports workpieces during cross-cutting | 492242 |
| ⑥ Extension table CS 50 VB | For PRECISIO CS 50, adjustable scale, quick and easy attachment and removal, safe and precise sawing to width, max. width for rips cuts: 610 mm | 492090 |
| ⑦ Longitudinal stop CS 50 LA | For PRECISIO CS 50, with fine adjustment and clamp, can be used from front, with moveable stop profile for safe, precise rip cuts | 492095 |
| ⑧ Trimming attachment CS 70 KA | For PRECISIO CS 70 and CS 50, retractable, with support, support surface, tape measure and stop flag, length 1200 - 2050 mm | 488063 |
| ⑨ Stop flag CS 70 AR | For PRECISIO CS 70 and CS 50, for stopping workpieces on the trimming attachment CS 70 KA, and Basis KA 100/200 | 488560 |
| ⑩ Foldaway legs CS 50 KB | For PRECISIO CS 50, quick and easy attachment and removal, for two working heights | 492245 |
| ⑪ Saw blade holder CS 50 SGA | For PRECISIO CS 50, for safe, space-saving storage of max. 4 saw blades and 3 x splinter-guard (not included in scope of delivery) | 492228 |
| ⑫ Roller stand CS 70 RB | For supporting longer workpieces when rip and cross-cutting, routing and sanding, can be used with PRECISIO CS 50 and CS 70, Basis-Plus system, multifunction tables MFT 800 and MFT 1080 | 488711 |
| ⑬ Splinterguard CS 50 SP/10 | For PRECISIO CS 50, for splinter-free cutting edges on both sides, qty. in pack: 10 | 492241 |
| ⑭ Extractor set CS 70 AB | Included in scope of delivery of the PRECISIO CS 70 EB, CS 70 EB set, CS 50 EB, CS 50 EB set, can be used with a Festool dust extractor, also with Basis 1 A, Basis 2 A, Basis 5 A and Basis 6 A, consisting of: suction hose D27 x 2.0 m, suction hose D36x1.0 m, Y-connector | 488292 |
| ⑮ Circular saw blades | From page 57 | |

Semi-stationary sawing

Accessories

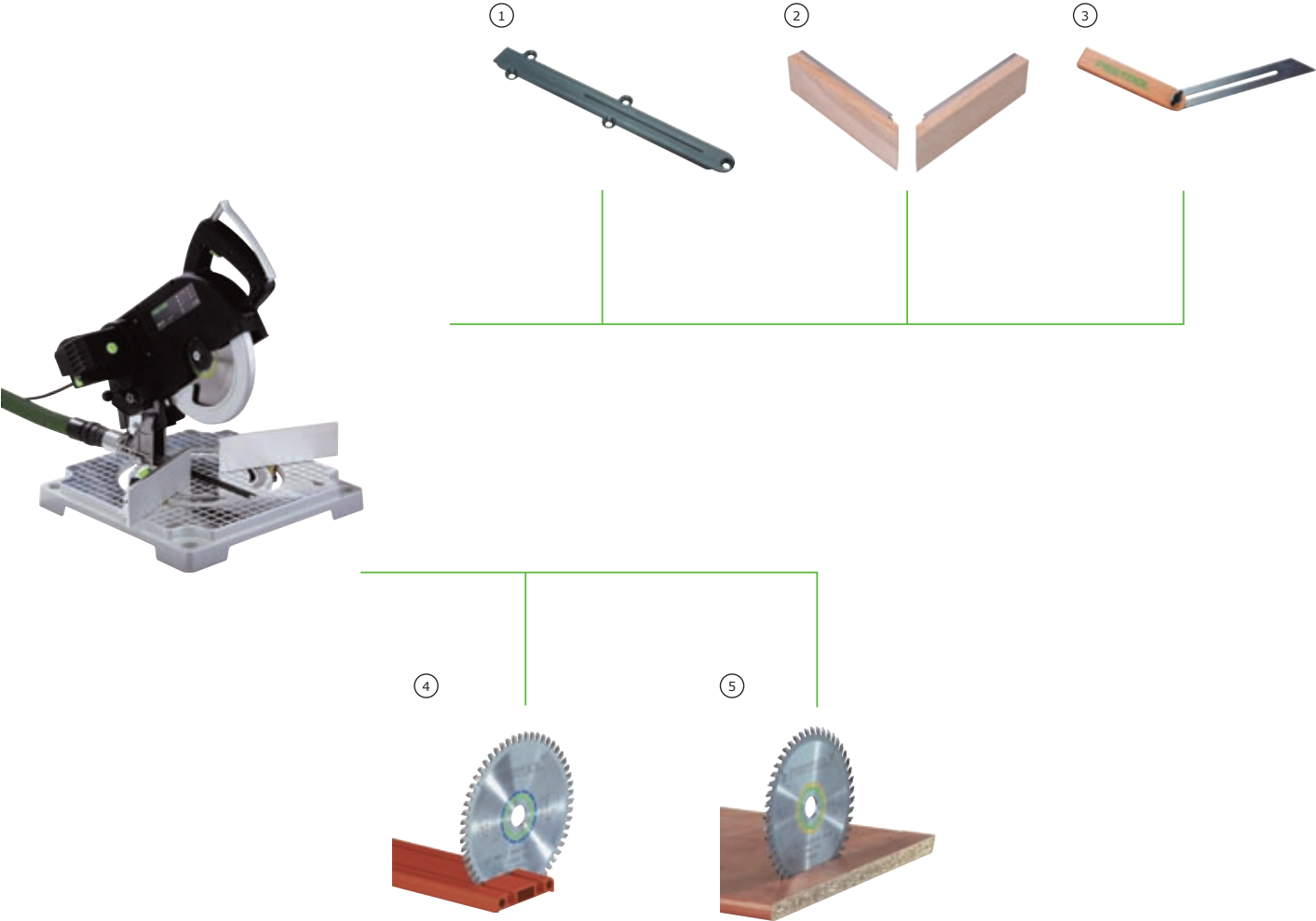
System overview and accessories



Accessories for the bench-mounted trimming saw *PRECISIO*® CS 70

| Product | Explanation | Order no. |
|---------------------------------------|--|---------------|
| ① Sliding table CS 70 ST | For PRECISIO CS 70, quick and easy attachment and removal, for cutting panels, max. width for cross cuts: 920 mm, including stop ruler with additional clamp | 488059 |
| ② Sliding table CS 70 ST 650 | For PRECISIO CS 70, quick and easy attachment and removal, max. width for cross cuts: 650 mm | 490312 |
| ③ Angle stop CS 70 WA | For PRECISIO CS 70 and CS 50, for working with 2 stops | 488451 |
| ④ Stop flag CS 70 WA-AR | For PRECISIO CS 70 and CS 50, for stopping workpieces on angle stops CS 70 WA, CS 50 WA and Basis WRA 500 | 491712 |
| ⑤ Extension table CS 70 VL | For PRECISIO CS 70, easy attachment, folds away, extends support surface by 570 mm, for supporting long workpieces when sawing to width | 488061 |
| ⑥ Extension table CS 70 VB | For PRECISIO CS 70, adjustable scale, quick and easy attachment and removal, safe and precise sawing to width, max. width for rip cuts: 680 mm | 488060 |
| ⑦ Longitudinal stop CS 70 LA | For PRECISIO CS 70, with fine adjustment and clamp, can be used from front, with moveable stop profile for safe, precise rip cuts | 488062 |
| ⑧ Trimming attachment CS 70 KA | For PRECISIO CS 70 and CS 50, for use with CS 70 EB, retractable, with support, support surface, tape measure and stop flag, length 1200 - 2050 mm | 488063 |
| ⑨ Stop flag CS 70 AR | For PRECISIO CS 70 and CS 50, for stopping workpieces on the trimming attachment CS 70 KA, and Basis KA 100/200 | 488560 |
| ⑩ Transport rollers CS 70 TR | For PRECISIO 70, can be attached to foldaway legs for easy, convenient transportation | 488064 |
| ⑪ Roller stand CS 70 RB | For supporting longer workpieces when rip and cross-cutting, routing and sanding, can be used with PRECISIO CS 50 and CS 70, Basis-Plus system, multifunction tables MFT 800 and MFT 1080 | 488711 |
| ⑫ Extractor set CS 70 AB | For PRECISIO CS 70 and CS 50, included in the scope of delivery of the PRECISIO CS 70 EB, CS 70 EB set, CS 50 EB, CS 50 EB set, can be used with a Festool dust extractor, also with Basis 1 A, Basis 2 A, Basis 5 A and Basis 6 A, consisting of: suction hose D27 x 2.0 m, suction hose D36 x 1.0 m, Y-connector | 488292 |
| ⑬ Splinterguard CS 70 SP / 10 | For PRECISIO CS 70, for splinter-free cutting edges on both sides, qty. in pack: 10 | 490340 |
| ⑭ Switch cover CS 70 SA | For PRECISIO CS 70, for retro-fitting to the base, serves as a switch-on lock when fitted with a padlock | 488065 |
| ⑮ Circular saw blades | From page 57 onwards | |

System overview and accessories



SEMI-STATIONARY SAWING

Accessories for the compound mitre saw SYMMETRIC® SYM 70

| Product | Explanation | Order no. |
|---|--|-----------|
| ① Tabletop insert TE-SYM 70 | For SYMMETRIC 70 E, qty. in pack: 3 | 491054 |
| ② Additional stop ZA-SYM 70 E | For SYMMETRIC 70 E, qty. in pack: 1 pair for sawing undercut strips | 491886 |
| ③ Precision adjustable square SM-SYM 70 | For Symmetric 70 E | 491053 |
| ④ Special saw blade 216x2.3x30 W60 | For SYMMETRIC 70 E, for aluminium and plastic, dimensions 216 x 2.3 x 30 mm, number of teeth 60, tooth shape W | 491051 |
| ⑤ Fine-tooth saw blade 216x2.3x30 W48 | For SYMMETRIC 70 E, dimensions 216 x 2.3 x 30 mm, number of teeth 48, tooth shape W | 491050 |

A complete tool system within 0.6 m².

Creating complex workpieces requires numerous hand movements and a well-equipped workshop, which is what the unique Basis-Plus system by Festool offers you. A surface area of only 0.6 m² provides space sufficient for a wide range of applications, and whether you are sawing or routing, anything is possible with this elaborate, flexible system. As a mobile workplace, the multifunction table MFT is ideal, providing flexible individual solutions.



One Basis - countless possibilities

Page **78**

Applications

Page **79**

The tools at a glance

Basis Plus basic unit
Basis modules
Basis set
Multifunction table

Page **80**

Accessories

For Basis Plus
For the multifunction table

Page **88**



Semi-stationary work with Basis Plus

The modular system

One Basis - countless possibilities.



When building a cupboard or a table, knowledge and skill would be useless without the right tools for the job.

We developed the Basis-Plus System to prevent your workshop from becoming cluttered up by various machines lying around your working area. This sophisticated modular system helps keep things tidy and with only one basic unit and various individual work modules, you can

complete a variety of tasks: routing; sanding; sawing with circular saws and jigsaws. The system is so flexible and simple that you can restrict a complete set of equipment to a small space but have it all right at your fingertips.



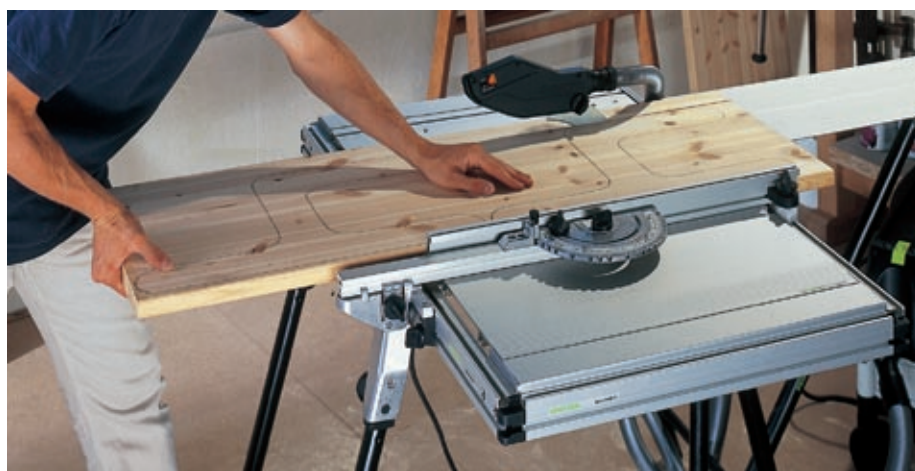
Select the Basis module 5 A and the correct routing bit to rout different shapes with ease.

Benefits at a glance:

- Different modules for every application
- Quick tool changes
- Can be upgraded at any time
- Robust but lightweight design
- Hand-guided Festool machines can also be mounted on a bench
- Multifunction table MFT used as a flexible individual solution or perfect auxiliary tool

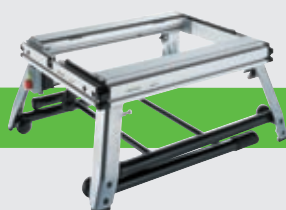


Easy as pie: quick uncomplicated module changes with the Basis-Plus System.



Upgrade the Basis by adding a wide range of accessories so that you can complete tasks more easily and efficiently.

FESTOOL THE SYSTEM



The base forms the basic unit. This stable frame is compatible with all modules.



Modular system.

The right module for every job. Saws and routers can be removed and then used for mobile applications.

Modules from page 83



Storage system.

Keeping things nice and tidy: store individual modules safely in the module tower.

Module tower on page 90

Application overview - Basis-Plus system and MFT

| Basis applications | Circular saws | | | Jigsaws | Routing | | Belt sanders | MFT |
|---|------------------|--------------------|---------------------|-------------------|----------------|----------------|--------------|----------|
| | Set 1 A 50 mm | Basis 2 A 80 mm | Basis 2 A* 80 mm | Basis 4 120 mm | Basis 5 A – | Basis 6 A – | CB 120 – | MFT – |
| Maximum cutting depth | | | | | | | | |
| Cutting panels | ● | | ● | | | | | ● |
| Cutting laminate | ● | | ● | | | | | ● |
| Trimming non-ferrous metal profiles | ● | | ● | | | | | ● |
| Trimming plastic profiles | ● | | ● | | | | | ● |
| Rip cuts in boards | ● | ● | ● | | | | | |
| Rip cuts in panels | ● | ● | ● | | | | | |
| Cutting hidden grooves | ○ | ○ | ○ | | | | | ● |
| Cutting rebates | ○ | ○ | ○ | | | | | |
| Cutting square timber to size | ● | ● | ● | | | | | |
| Angled cuts 0-180° | ● | | ● | | | | | |
| Cutting plastic cable ducts to size | ○ | ● | ● | | | | | ● |
| Cutting steel cable ducts to size | | | ● | | | | | ● |
| Cutting tongue and groove boards | ● | | ● | | | | | ● |
| Cutting slot joints | ● | | | | | | | |
| Cutting mortise and tenon joints | ● | | ● | | | | | |
| Mitring picture frames | ● | | ● | | | | | ● |
| Cutting accurately on the scribe line | | | | ● | | | | |
| Cutting curved recesses | | | | ● | | | | |
| Trimming work | ● | | | ● | | | | |
| Routing shapes using a template | | | | | ● | ● | | |
| Cutting curves and profiles at the stop | | | | | ● | ● | | |
| Cutting curves and profiles at the guide ring | | | | | ● | ● | | |
| Cutting joints | | | | | ● | ● | | |
| Cutting rebates | | | | | ● | ● | | |
| Cutting grooves | | | | | ● | ● | | |
| Sanding edges | | | | | | | ● | |
| Sanding chamfers | | | | | | | ● | |
| Sanding shaped workpieces | | | | | | | ● | |
| Coarse sanding | | | | | | | ● | |
| Fine sanding | | | | | | | ● | |

* with sliding stop Basis SAS 500 (see accessories)

○ Appropriate ● Very appropriate ● Extremely appropriate



Accessories system.

An extensive range of accessories broaden the application areas of the Basis Plus even further.

Accessories from page 88



Workspace system.

The height and width of the basic unit is adapted perfectly to the multifunction table – the perfect combination.

Multifunction table from page 91



Extraction system.

Clean results with our mobile dust extractors, both in the workshop and on the construction site.

Mobile dust extractors from page 242

Semi-stationary work with Basis Plus

The tools at a glance

Basis Plus basic unit GE/KB

System base.



Main applications

- Sawing, routing and sanding are all possible in combination with modules
- Lightweight, compact design for flexible use at assembly locations and in the workshop
- Modular system guarantees high economic efficiency

Strengths and benefits

- Foldaway legs for easy transportation and maximum stability
- Foldaway legs adjustable to one of two working heights - flexible and convenient
- Minimum set-up times, modules changed in seconds
- One basic unit for all modules – saving time and money

More from page 86

| | |
|--------------------------------|---------|
| Table length | 710 mm |
| Table width | 560 mm |
| Table height, legs unfolded | 820 mm |
| Table height, legs folded away | 310 mm |
| Weight | 12.4 kg |



Basis module 1 A

System bench-mounted saw.



Main applications

- A simple guide system for accurate cross-cutting
- Quick changeovers between cross-cutting and rip-cutting
- Saw blade tilts for angled cuts
- MMC electronics and variable speed control allow you to machine a wide range of materials

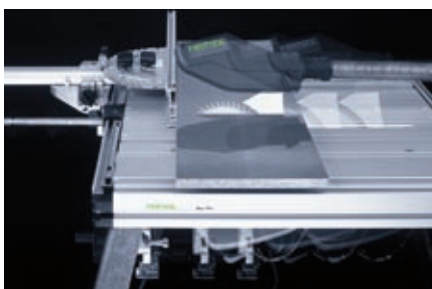
Strengths and benefits

- All control elements are clearly laid out and located in one place. Can be operated from the front
- Guide system for cross-cutting, sliding table only required for cuts over 230 mm
- Extensive range of accessories to open up your options
- The integral ATF 55 E can be used as a mobile plunge-cut saw

More from page 83

| | |
|---|---------------|
| Power consumption | 1200 W |
| Speed | 2000–4800 rpm |
| Saw blade diameter | 160 mm |
| Table dimensions | 580 x 455 mm |
| Cutting depth 90°/45° | 0–50/0–33 mm |
| Cutting length with thickness of 12 mm | 230 mm |
| Connection diameter for dust extraction | 27/36 mm |
| Weight | 13 kg |

 = with MMC electronics



Basis module 2 A

System circular saw.



Main applications

- Clean cuts in materials up to 80 mm thick
- Cutting planks, beams and panel materials
- MMC electronics and variable speed control allow you to machine a wide range of materials

Strengths and benefits

- Integral AP 85 with powerful 1800 watt motor
- MMC electronics for adaptation to the working material and a long machine service life
- Pendulum cover saw is easy to remove and can be used independently, giving more flexibility
- Upgrade to a workstation by adding accessories, eg sliding table, to give you even more options

More from page 83 onwards

| | |
|--|---------------|
| Power consumption | 1800 W |
| Speed | 1800–3800 rpm |
| Saw blade diameter | 240 mm |
| Table dimensions | 580 x 455 mm |
| Cutting depth 90°/45° | 0–80/0–55 mm |
| Inclination | 0–45° |
| Connection diameter for dust extractor | 27/36 mm |
| Weight | 14 kg |

 = with MMC electronics



Basis module 4

System jigsaw.



Main applications

- Cutting accurately along the scribe line
- Precise coping during trimming work
- Cutting curves easily, safely and precisely
- Preliminary cutting work prior to routing shapes

Strengths and benefits

- Safe three-way saw blade guide for precision work
- MMC electronics for variable speed and adaptation to the working material
- Dust extraction for clean and healthy working conditions
- Jigsaw PS 300 is easy to remove and can be used independently, giving more flexibility
- Splinterguard for splinter-free cuts

More from page 83 onwards

| | |
|---|---------------|
| Power consumption | 720 W |
| Speed | 1000-2900 rpm |
| Table dimensions | 580 x 455 mm |
| Maximum cutting depth | 120 mm |
| Inclination | 0-45° |
| Connection diameter for dust extraction | 27 mm |
| Weight | 5.7 kg |

■ = with MMC electronics



Basis module 5 A

System router.



Main applications

- All kinds of routing work: routing rebates, recesses, curves and shapes
- Routing shapes and curves at the ball bearing guide
- Copy routing with template and copying device
- Jointing work at the stop

Strengths and benefits

- Accurate routing depth setting with spindle
- Fine-adjustment stop with extraction connector and press-down fixture
- Smooth running thanks to integral OF 1010 EBQ
- Dual extraction connector
- Router is easy to remove and can be used independently

More from page 83 onwards

| | |
|---|-----------------|
| Power consumption | 1010 W |
| Speed | 10000-24000 rpm |
| Holder for shank cutter | 8 mm |
| Max. cutter diameter | 51 mm |
| Connection diameter for dust extraction | 27/36 mm |
| Weight | 11 kg |

■ = with MMC electronics



Basis module CMB

System belt sander.



Main applications

- Simple, accurate sanding
- Quick and easy edge sanding
- Sanding recesses and curves
- Sanding sloping surfaces and angles at the angle stop
- Easy deburring and finishing work on diverse materials

Strengths and benefits

- Possibility of lowering the sanding belt for full belt utilisation, achieving greater efficiency
- Quick, simple belt changing – short changeover times
- Tilting sanding belt for sanding chamfers and sloping surfaces with ease
- Powerful motor for sanding large areas with minimum effort

More from page 83 onwards

| | |
|---|--------------|
| Power consumption | 550 W |
| Speed | 2800 rpm |
| Table dimensions | 580 x 455 mm |
| Belt length x belt width | 820 x 120 mm |
| Sanding area | 185 x 115 mm |
| Connection diameter for dust extraction | 27 mm |
| Weight | 20 kg |



Semi-stationary work with Basis Plus

The tools at a glance

Basis set 1 A

System start-up set.



Main applications

- A simple guide system for accurate cross-cutting
- Quick changeovers between cross-cutting and rip-cutting
- Saw blade tilts for angled cuts
- MMC electronics and variable speed control allow you to machine a wide range of materials

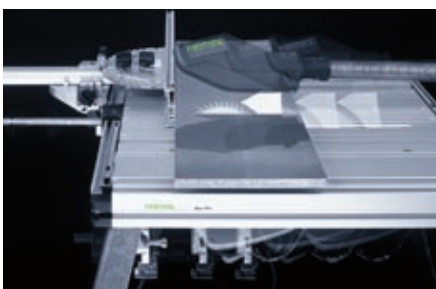
Strengths and benefits

- All control elements are clearly laid out and located in one place, can be operated from the front
- Guide system for easy cross-cutting, sliding table not required
- Extensive range of accessories to open up your options
- The integral plunge-cut saw ATF 55 E can be used for mobile applications

More on page 87

| | |
|---|---------------|
| Power consumption | 1200 W |
| Speed | 2000–4800 rpm |
| Saw blade diameter | 160 mm |
| Table dimensions | 580 x 455 mm |
| Cutting depth at 90°/45° | 0–50/0–33 mm |
| Cutting length with thickness of 12 mm | 230 mm |
| Connection diameter for dust extraction | 27/36 mm |
| Weight | 26 kg |

 = with MMC electronics



Basis set CB 120

Sanding station.



Main applications

- Simple, accurate sanding
- Quick and easy edge sanding
- Sanding recesses and curves
- Sanding sloping surfaces and angles at the angle stop
- Easy deburring and finishing work on diverse materials

Strengths and benefits

- Possibility of lowering the sanding belt for full belt utilisation, achieving greater efficiency
- Quick, simple belt changing – short changeover times
- Tilting sanding belt for sanding chamfers and sloping surfaces with ease
- Powerful motor for sanding large areas with minimum effort

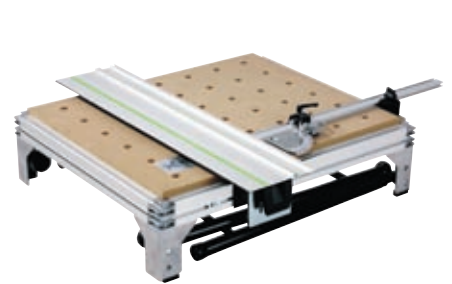
More from page 83 onwards

| | |
|---|--------------|
| Power consumption | 550 W |
| Speed | 2800 rpm |
| Table dimensions | 580 x 455 mm |
| Belt length x belt width | 820 x 120 mm |
| Sanding area | 185 x 115 mm |
| Connection diameter for dust extraction | 27 mm |
| Weight | 32 kg |



Multifunction table MFT 800/1080

Flexibility and precision.



Main applications

- Guide rail for accurate sawing and routing
- Angle stop with scale and locking positions for angled cuts
- Clamp workpieces with ease, eg for sanding
- Stop profile and stop flags for accurate working procedures, also for repeat procedures

Strengths and benefits

- Perfect adaptation of the guide rail to the material thickness
- Perforated board for clamping workpieces using screw, lever or MFT clamps
- Foldaway legs for adjusting to one of two working heights and easy transportation
- T-grooves for connection to the Basis-Plus system or several MFTs - flexible and extendable

More from page 91

| | |
|------------------------------|---------------|
| MFT 800 table dimensions | 725 x 590 mm |
| MFT 1080 table dimensions | 725 x 1165 mm |
| Working height (folded away) | 820 (205) mm |
| Maximum workpiece thickness | 90 mm |
| Max. workpiece width | |
| MFT 800/MFT 1080 | 510 mm/625 mm |
| Weight MFT 800/MFT 1080 | 20 kg/33 kg |



The options at a glance.

The Basis-Plus System offers unique combinations. The three different applications here boast a range of options: sawing with circular saws or jigsaws, sanding with belt sanders or routing with heavy-duty and compact routers. A complete tool system within 0.6 m².



A real alternative, and not just in the workshop. The lightweight, compact design also makes Basis the perfect mobile solution.



The jigsaw module is particularly flexible. All tasks completed with the greatest of ease, from parquet to floorboards. Simply attach the correct blade and work can begin.



Versatile applications with the circular-saw modules.

Semi-stationary work with Basis Plus

An elaborate system concept from start to finish

The Basis Plus modules



Plunge-cut saw
TS 55 EBQ
Order no.: 561238

Work module Basis 1 A/T
For ATF 55, worktop with guide fixture, protective cover, pre-set profile setting rail
Basis WRA 500, workpiece holder
Order no.: 570131

MOD 1 A/ATF 55 E bench-mounted saw module
Work module Basis 1 A/T, pre-set profile setting rail
Basis WRA 500, ATF 55 E with HW fine-tooth saw blade Z48, workpiece holder, operating tool
Order no.: 570111



CMB 120 belt sander module
Sanding module with dust extraction hood, connection hose, 1 sanding belt
Order no.: 570186



Pendulum cover saws
AP 55 EB, see page 52
AP 65 EB, see page 52
AT 65
AP 85, see page 53

Basis 2 A, for bench-mounted circular saws
Basis WRA 500, wkpcce holder, only with the corresponding kit
Order no.: 570132
Basis kit, see page 90

MOD 2 A/AP 85 E bench saw module
Work module Basis 2 A, kit BS 85, Basis WRA 500, AP 85 E with HW standard saw blade, workpiece holder, operating tool
Order no.: 570112



Router
OF 1010 EBQ, see page 100

Basis 5 A work module for bench-mounted router
For OF 1010, OF 1000, OF 900, OF 2, OF1, router stop, press-down fixture, max. cutter dia: 51 mm
Order no.: 570195

MOD 5 A/OF 1010 EBQ router module
Router OF 1010, work module Basis 5 A, clamping collet dia. 8 mm, operating tool
Order no.: 570175



Routers
OF 1400 EBQ, see page 105
OF 2000 E, see page 109





Basis 6 A work module
For OF 1400 or OF 2000, complete with safety device, stop and height adjustment, max. cutter diameter: 70 mm
Order no.: 570107



Pendulum jigsaw
PS 300 EQ, see page 31

Basis 4 work module as a profile saw
For pendulum jigsaws PS 300, PSB 300, PS 200, PS 2, PS 1
Order no.: 570104

MOD 4/PS 300 EQ jigsaw module
Jigsaw PS 300 EQ, work module Basis 4, 1 saw blade; 1 splinterguard, operating tool
Order no.: 570194

| | The basic unit | |
|---|--|---|
| + |  <p>Basic unit Basis GE/KB Basic unit with foldaway legs, safety push button, cable and socket, operating tool Order no.: 570113</p> |  <p>Bench-mounted trimming saw available in a set Basis GE/KB, Basis 1 A/T, pre-set profile setting rail Basis WRA 500, ATF 55 E w. HW fine-tooth saw blade Z48, wkpcce hldr, op. tool Order No.: 570178</p> |
| + | |  <p>Bench-mounted belt sander CB 120 available in a set Basis GE/KB, CMB 120, Basis WRA 500, extraction hood, connection hose, 1 sanding belt Order no.: 570224</p> |
| + | |  <p>Bench saw</p> |
| + | |  <p>Bench-mounted router</p> |
| + | |  <p>Bench-mounted router</p> |
| + | |  <p>Bench-mounted jigsaw</p> |

Semi-stationary work with Basis Plus

Basis Plus basic unit

The foundation for flexible working.

A wide selection of individual tools is useful when the range of tasks you need to perform is so diverse, but these become even more useful when part of a well

thought-out system. Tasks are completed more quickly and easily due to this flexible, efficient system where all components are compatible with one another.

One aperture for all modules.

All modules can be slotted easily into the aperture. Simply insert and latch into place.

Switch unit.

The switch unit makes your work safer and more convenient. Switch any machine on the basic unit on and off with ease.



Hollow-chamber profiles.

The basic unit structure is made from aluminium hollow-chamber profiles, which are extremely lightweight and stable.

Foldaway legs.

Foldaway legs allow you to adjust the basic unit to one of two working heights. Legs unfolded when working standing up, legs folded away when working on the ground.

The Basis-Plus system by Festool offers all these benefits, with modules for the most important tools such as saws and routers. These modules require a universal base so that these benefits can be fully exploited. The basic unit provides a surface area of almost 0.6 m². Stable, lightweight and designed so that the modules can be attached and removed easily, the unit is the central component of the unique Basis-Plus system.



Modules can be inserted and removed more easily.



The lightweight, handy design also makes it suitable for transportation.



Everything within easy reach: store modules away in the practical module tower when they are no longer needed.



Select from an extensive range of accessories to upgrade your system. It takes only a few seconds to create a complete work module with different stations.

Basis Plus basic unit GE/KB

| Model | Equipment/Scope of delivery | Order no. |
|--------------------|---|---------------|
| Basis GE/KB | Basic unit with foldaway legs, safety push-button, cable and socket, operating tool | 570113 |

Semi-stationary work with Basis Plus

Basis set 1 A

Not bad for starters.

This Basis set helps set you off on the right foot. There are various options for newcomers to the Basis-Plus system. One of these is the Basis set 1 A, which

consists of a basic unit and Basis 1 A module with plunge-cut saw and guiding mechanism.

Angle stop.
The angle stop swivels 180° and can be used easily on either side. The Basis Set 1 A can therefore be changed from the cross-cut to the rip-cut position in no time at all.

Guiding mechanism.
Cross cuts take no time at all thanks to the guiding mechanism. Simply place the workpiece on the workbench and guide the saw through the material.

Saw-blade adjustment.
Both the cutting depth and the cutting angle of the blade on the circular saw in the 1 A set are easy to adjust.

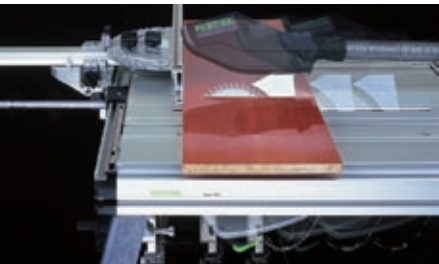


Protective cover.
The 1 A set has a protective cover for healthy and safe work. It provides protection from the rotating saw blade and has an integral connector for attachment to a dust extractor.

ATF 55.
The integral portable circular saw ATF 55 can be removed from the module at any time with little effort and can then be used independently as a plunge-cut saw.

Foldaway legs.
Foldaway legs allow you to adjust the basic unit to one of two working heights. Legs unfolded when working standing up, legs folded away when working on the ground.

When purchasing the Basis set 1 A, not only do you get an insight into the unique world of Basis-Plus systems, but you also receive two tools in one. On the one hand, you have a Basis Plus basic unit with the Basis module 1 A. On the other hand, you receive the plunge-cut saw ATF 55, whose handles make it easy to remove from the Basis module 1 A. It can then be used like any other plunge-cut saw – even on guide rails. When combined, they form a single, stable, mobile bench-mounted saw.



Trimming is easy: position and secure the workpiece, then guide the saw blade through the material.



Rip cuts are no problem – attach the right accessories and you can also cut longer boards.



The ATF 55 can be removed from the module in seconds, giving you have the choice of a bench-mounted saw or a mobile plunge-cut saw.



When the ATF 55 is removed it can be used like any other plunge-cut saw, but is especially convenient in combination with the Festool guide rail.

Bench-mounted saw Basis set 1 A

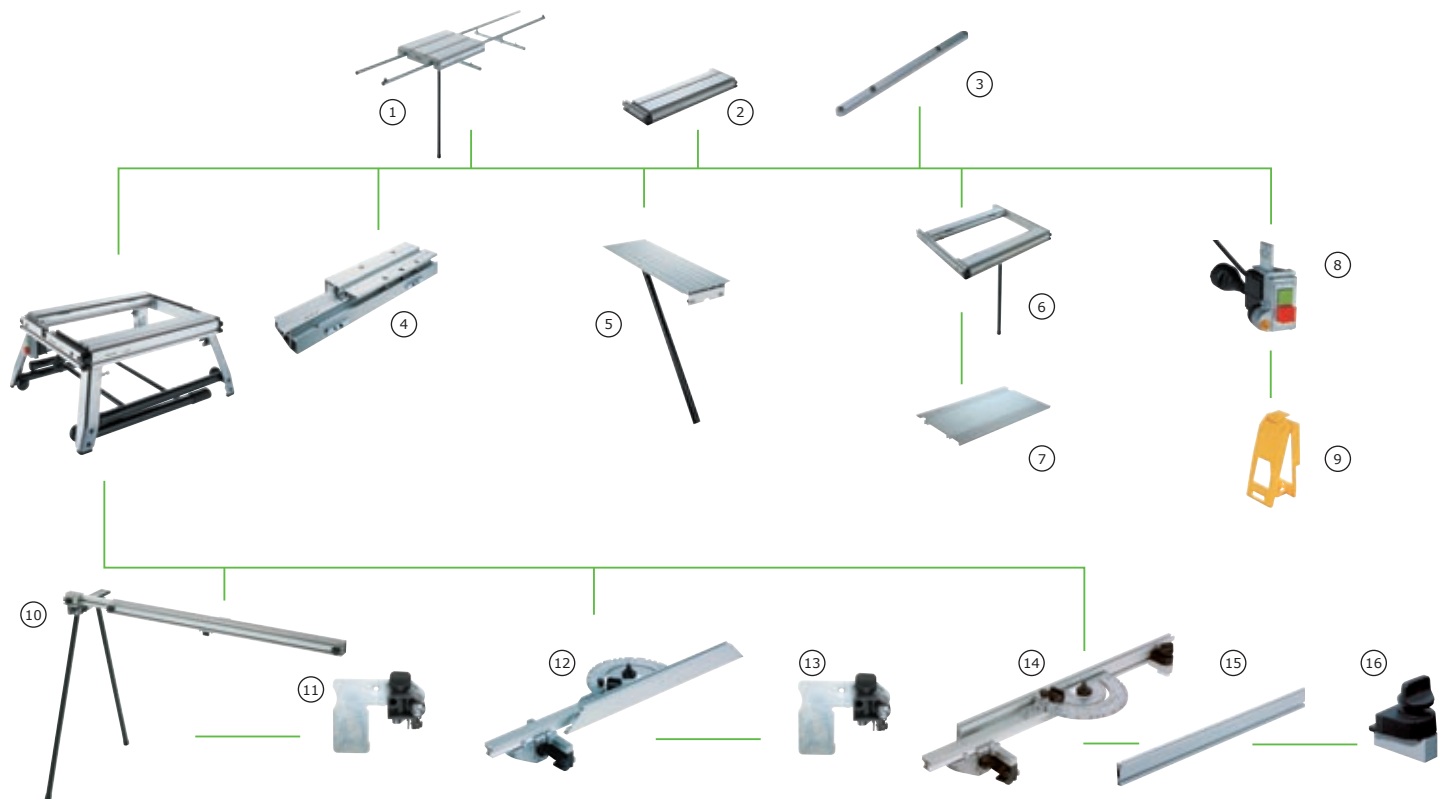
E = with electronics

| Model | E | Equipment/Scope of delivery | Order no. |
|-------------------|---|---|-----------|
| Basis 1 A/ATF 55E | ● | Basis GE, foldaway legs, Basis 1 A/T, ATF 55 E with HW fine-tooth saw blade Z48, pre-set profile setting rail Basis WRA 500, workpiece holder, operating tool | 570134 |

Semi-stationary work with Basis Plus

Accessories

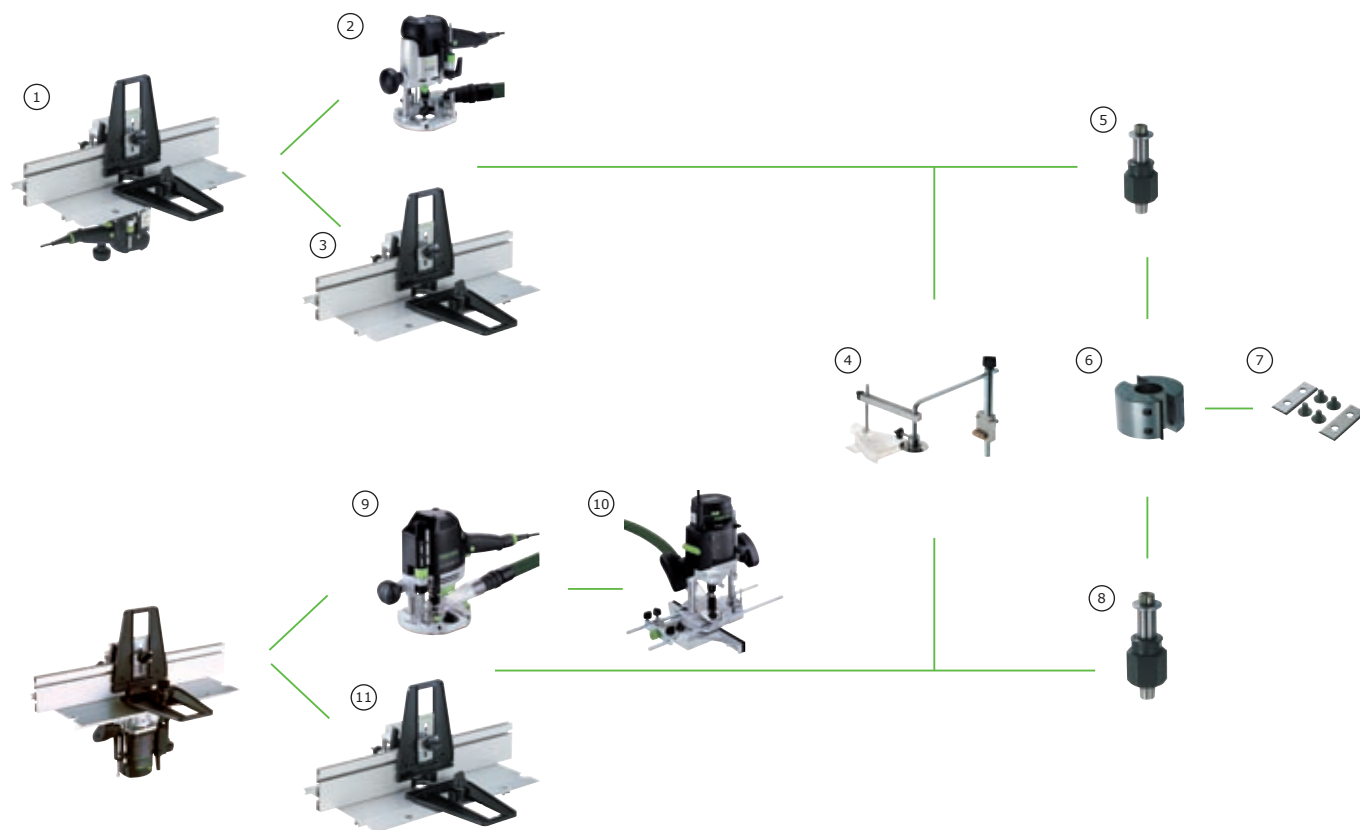
System overview and accessories



Accessories for Basis Plus

| Product | Explanation | Order no. |
|---|---|---------------|
| ① Sliding table Basis ST 1120 | Mounted on nine ball bearing guides, with support, max. sliding path: 1120 mm, sliding table surface area 430 x 345 mm, max. cutting length with Basis 2A: 720 mm, max. cutting length with Basis 1 A: 770 mm | 483027 |
| ② Width extension Basis V 310 | For extending the workpiece support area, max. width for rip cuts: 310 mm | 483024 |
| ③ Connector Basis VS-V 650 | For attachment of FST 660/85 or MFT 800 to Basis Plus | 484455 |
| ④ Sliding stop Basis SAS 500 | For use with Basis 1 A, 2 A, 5 A, 6 A and CMB, sliding path 500mm | 489673 |
| ⑤ Extension Basis VL 700 | For Basis 1 A, 2 A, 5 A, 6 A and MFT, for extending the workpiece support area, with support | 489575 |
| ⑥ Extension table Basis VL-V650 | For extending the workpiece support area, with support, Basis V 650 has been designed to simultaneously accommodate a work module (Basis 2 to Basis 6 A, CMB), can also be attached as an extension | 484132 |
| ⑦ Blanking plate Basis AP | For covering the aperture in Basis V 650, Basis Plus (basic unit) | 485800 |
| ⑧ Switch unit Basis Plus | As a replacement or for Basis VL-V650 | 489566 |
| ⑨ Switch cover CS 70 SA | For PRECISIO CS 70 and Basis basic unit, for retro-fitting to the base; serves as a switch-on lock when fitted with a padlock | 488065 |
| ⑩ Trimming attachment Basis KA 100/200 | Only used with Basis WRA 500, retractable 1.20 - 2.05 m, with support, support surface, tape measure and stop flag | 489676 |
| ⑪ Stop flag CS 70 AR | For stopping workpieces on trimming attachment CS 70 KA, and Basis KA 100/200 | 488560 |
| ⑫ Pre-set profile setting rail Basis WRA 500 | Angle unit with profile rail that can be used flat or on its edge, included in scope of delivery of Basis 1 A, CB 120 and Basis 2 A, length 500 mm | 489674 |
| ⑬ Stop flag CS 70 WA-AR | For stopping workpieces on trimming attachment CS 70 WA, CS 50 WA and Basis WRA 500 | 491712 |
| ⑭ Longitudinal stop Basis LA 650 | With long stop rail that can be used flat or on its edge, with additional clamp, length 650 mm | 489675 |
| ⑮ Stop profile Basis AP 650 | For Basis LA 650, for longitudinal stop, length 650 mm | 489678 |
| ⑯ Additional clamp Basis ZK-LA 650 | For Basis LA 650 | 489677 |
| Other accessories | From page 90 | |

System overview and accessories



Accessories for Basis Plus router modules

| Product | Explanation | Order no. |
|---|--|---------------|
| ① Router module MOD 5 A / OF 1010 EBQ | Router OF 1010, work module Basis 5 A, clamping collet dia. 8 mm, operating tool | 570175 |
| ② Router OF 1010 | See "Routing" section, from page 100 | |
| ③ Work module for bench-mounted router Basis 5 A | For stationary use of routers OF 1010, OF 1000, OF 900, OF 2, OF1, complete with router stop and press-down fixture, max. cutter diameter: 51 mm | 570195 |
| ④ Copying device Basis 5 KE | For Basis 5, Basis 5 A and Basis 6 A, copying roller with holder, dust extraction hood and hand guard | 484459 |
| ⑤ Cutter spindle Basis ASL20/OF1010 | For use with rebating head Basis FK D 50x30 in Basis 5 A | 489285 |
| ⑥ Rebating head for Basis 5 A/6 Basis FK D 50x30 | For use with cutter spindles, D 50 mm | 489284 |
| ⑦ Reversible cutter Basis WP 30x6x1.5 | For rebating head, qty.: 2 | 489286 |
| ⑧ Cutter spindle Basis ASL20/OF2000 | For use with rebating head Basis FK D 50x30 in Basis 6 A | 490131 |
| ⑨ Router OF 1400 | See "Routing" section, from page 105 | |
| ⑩ Router OF 2000 | See "Routing" section, from page 109 | |
| ⑪ Work module Basis 6 A | For stationary use of OF 1400 or OF 2000 in the Basis Plus, complete with safety device and stop, height adjustment, max. cutter diameter: 70 mm | 570107 |

For more information, visit www.festool.com.au

Semi-stationary work with Basis Plus Accessories

Accessories

Description and application

Type

Order No.:



Module tower

Width: 460 mm, depth: 800 mm

Height: 1630 mm, weight: 13 kg

For space-saving storage of Basis modules, alternatively, 2 SYSTAINERS can be accommodated in each slot, adjustable slot height,

Scope of delivery:

5 slots, 2 fixed and 2 swivelling rollers

Basis MT 1600

451975

Extractor set

can be used with a Festool mobile dust extractor with Basis 1 A, Basis 2 A, Basis 5 A and Basis 6 A, consists of: suction hose D27x2.0 m, suction hose D36x1,0 m, Y-connector

CS 70 AB

488292

Tape measure set

For retrofitting to Basis Plus:

For module and work module Basis 1 A

Basis MB 1A

489679

For module and work module BASIS 2 A

Basis MB 2A

489680

For retrofitting to V650

With Basis 1 A

Basis MB 1A/V650

489681

With BASIS 2 A

Basis MB 2A/V650

489682

Kit

Required to install portable circular saws in Basis 2 A, appropriate kit must be ordered separately for the saw model in question

For AP 85

Basis BS 85

486168

For AP 65

Basis BS 65

486167

For AT 65

Basis BS 65T

486745

For AP 55

Basis BS 55

486166

Sanding drum for CMB 120

Diameter: 55 mm

CW D55 x 120

488032

Diameter: 105 mm

CW D105 x 120

488031

Graphite plate

(not shown)

Replacement part, sliding surface for sanding belt

487965

Sanding belt Compact CMB 120

Grit: P 50, qty. in pack: 10

L820 x 120

488081

Grit: P 80, qty. in pack: 10

L820 x 120

488082

Grit: P 100, qty. in pack: 10

L820 x 120

488083

Grit: P 120, qty. in pack: 10

L820 x 120

488084

Grit: P 150, qty. in pack: 10

L820 x 120

488085

Grit: P 180, qty. in pack: 10

L820 x 120

488086

Semi-stationary work with Basis Plus

Multifunction tables MFT 800 and MFT 1080



Setting the standards for versatility and precision.

Having no workbench available for assembly work and not being able to move the workbench from the workshop can sometimes be annoying. Festool has the solution. The multifunction table is a versatile, flexible and economical solution, available in two sizes and compatible with all Festool systems.



Perforated board and clamps.

Secure anything quickly and easily with the perforated board. Simply insert a screw or lever clamp through the hole and clamp the workpiece at any point.



Clamps.

Possibility of securing smaller workpieces without clamps. The clamping elements can even hold round workpieces firmly in place (available as an accessory).



Angle stop.

Align workpieces accurately and fasten securely with the angle stop.



Longitudinal stop.

The adjustable longitudinal stop for even and repeated positioning of workpieces (available as an accessory).



Guide rail.

The multifunction table and the guide rail make the perfect couple. Together they offer all the features required to produce precise, high-quality results.



Optional extension.

The MFT can be connected to other MFTs or even the Basis-Plus system and its accessories via a connector (available as an accessory).



Guide rail retainer.

The guide rail fits perfectly into the retainer, which can be moved to cater for different material thicknesses.



Foldaway legs.

Foldaway legs allow you to adjust the multifunction table to one of two working heights. With the legs folded, the table is easy to transport and stow away.



SEMI-STATIONARY WORK WITH BASIS PLUS

Multifunction table MFT – The different options

| Model | Equipment/Scope of delivery | Order no. |
|----------|---|-----------|
| MFT 800 | Table with perforated board and foldaway legs, swivel unit, support unit, angle stop, stop flag, guide rail FS 800/2 | 490887 |
| MFT 1080 | Table with perforated board and foldaway legs, swivel unit, support unit, angle stop, stop flag, guide rail FS 1080/2 | 490888 |

Semi-stationary work with Basis Plus Multifunction tables MFT 800 and MFT 1080

Gives you that bit extra.



A clever combination.

A smart solution individually, an outstanding team when combined: the multifunction table and guide rail complement each other so well that precision work is the norm, eg the guide rail can be adapted to the thickness of the workpiece.



Safe grip.

The clamps hold workpieces firmly in place for sanding, routing and general machining work. Even round workpieces or unusual shapes are held firmly in place.



Flexible and reliable clamping.

Clamp workpieces securely in a vertical position with the T-groove. Simply insert the clamps at the desired position and tighten. The workpiece is now ready for action.



Also suitable for delicate workpieces.

You can even machine smaller workpieces on the multifunction table with minimal effort. Diagonal cuts are also possible. The angle stop, longitudinal stop, clamps and the perforated board offer you plenty of different solutions.



Every angle in its place.

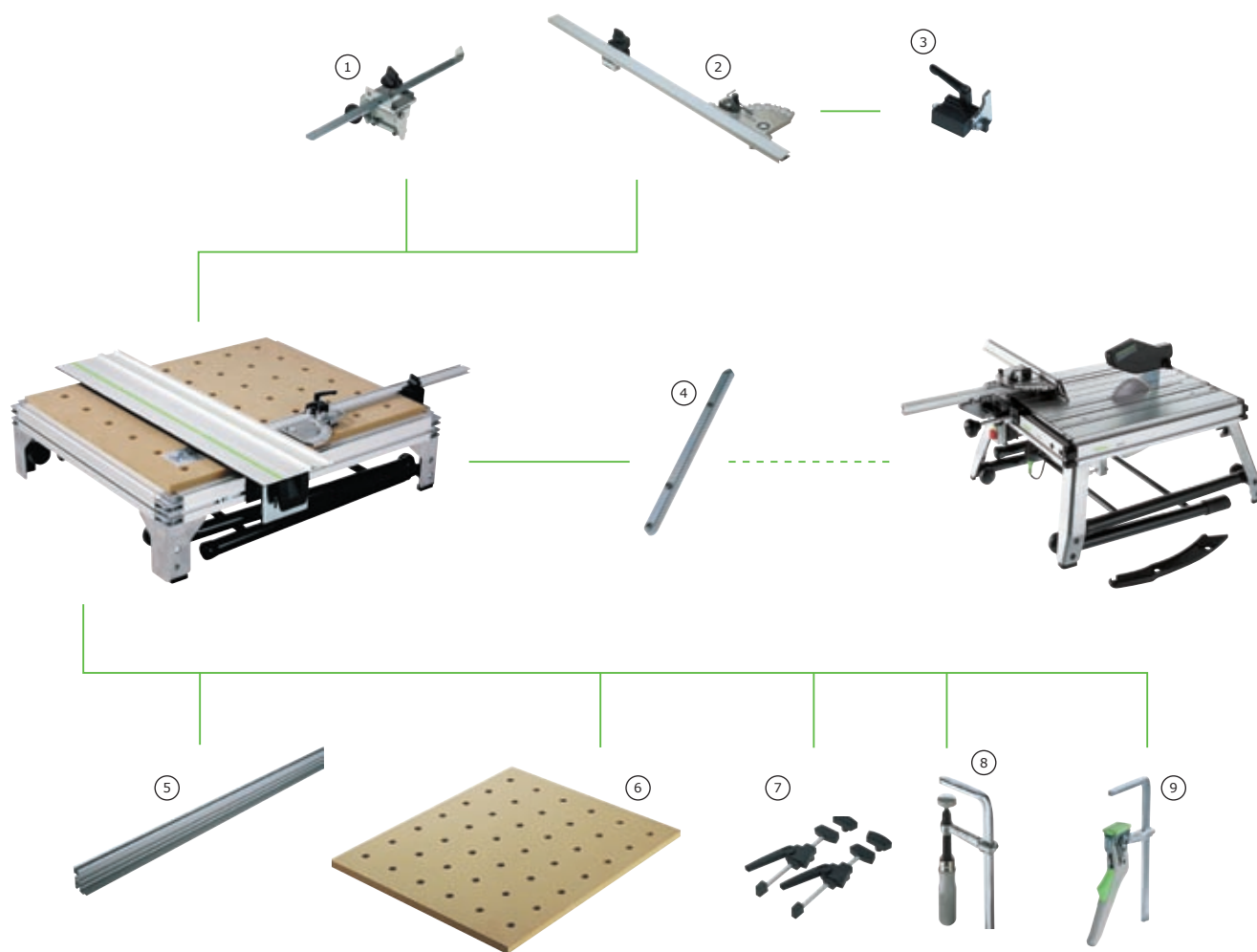
With the multifunction table, guide rail and angle stop, angled cuts are no longer an uphill struggle. Precise settings and a stable design ensure quality working results.



System-compatible.

All components here are compatible. The height and width of the multifunction table have been adapted in line with the Basis-Plus system. Several tables can either be combined with one another or with the Basis Plus.

System overview and accessories



Accessories for multifunction tables MFT 800 and MFT 1080

| Product | Explanation | Order no. |
|---|--|---------------|
| ① Longitudinal stop MFT-LA | Adjustable stop, used on all sides of MFT 800, MFT 1080 | 488564 |
| ② Angle stop MFT-WA | For retrofitting with FST 660/85 | 488563 |
| ③ Stop flag MFT-AR | For stopping workpieces at the MFT-WA angle stop, can be folded away | 490555 |
| ④ Connector Basis VS-V 650 | For attachment of FST 660/85 or MFT 800 to Basis Plus | 484455 |
| ⑤ Long table profile MFT-TP 2000 | For extending your MFT, length 2000 mm, qty. in pack: 2 | 488555 |
| ⑥ Perforated board MFT-LP 800 | For MFT 800, length x width: 590 x 725 mm | 488565 |
| Perforated board MFT-LP 1080 | For MFT 1080, length x width: 1165 x 725 mm | 489396 |
| ⑦ Clamps MFT-SP | For attaching workpieces safely and precisely for sawing, sanding, routing, drilling etc., qty. in pack: 2 | 488030 |
| ⑧ Clamps FSZ 120 | Polished steel version, clamping range: 120 mm, qty. in pack: 2 | 489570 |
| Clamps FSZ 300 | Polished steel version, clamping range: 300 mm, qty. in pack: 2 | 489571 |
| ⑨ Lever clamp FS-HZ 160 | Polished steel version, clamping range: 160 mm, qty. in pack: 1 | 491594 |

The toughest demands do not compromise.

A reliable, handy and above all practical tool is an essential ingredient in achieving good results when routing wood and mineral materials. Based on this knowledge, Festool has developed an extensive range of tools and accessories full of innovative ideas to help make your daily work easier and more efficient.



The right router for every applicationPage **96****Applications**Page **97****The tools at a glance**

Routers OF 1010, OF 1400, OF 2000

Edge routers OFK 500, OFK 700

Aluminium composite milling machine PF 1200 Page **98****Accessories**

Multi-routing template MFS

Joining system VS 600

Page **112****Cutters**Page **121**

Routing

Routers, edge trimmers, alum composite milling machine

The right router for every application.



Up to 99% dust extraction when routing edges with Festool machines thanks to the dust extraction hood and unique chip deflector.

Routing can be as diverse as the materials that you work on. Festool therefore presents a range of versatile all-rounders and practical specialists.

Our routers are versatile all-rounders: from the compact OF 1010 and the versatile, handy OF 1400 to the heavy-duty OF 2000. The specialists include edge routers OFK 500 and OFK 700 and the aluminium composite milling machine

PF 1200. All Festool routers boast a wide range of useful features. The OF 1400 router, for example, has a FastFix cutter and tool-less copying ring changing system and is easy to operate. What's more, our routers and PF 1200 are all compatible with the guide rail. The

correct router forms a solid working basis, but only guarantees excellent routing results when combined with high-quality functional accessories. Festool offers a complete range, from cutters to jointing systems for consistent safe precision work.

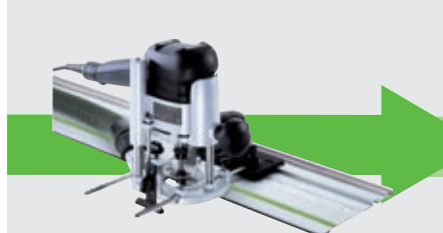


A real multi-talent for routing edges. The OFK 700 also tackles curves with confidence.



Compatible system accessories make your Festool router even more versatile.

FESTOOL THE SYSTEM



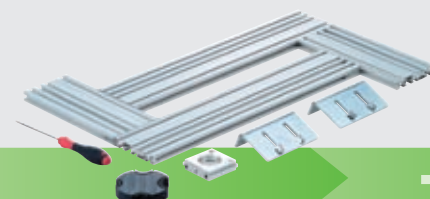
At Festool, we do not only think in terms of tools, but also systems so that you can work more quickly, easily and efficiently.



Routing system.

These cutters produce a clean routing pattern – whether on wood or mineral material.

Router cutters from page 122



Template system.

There is only one solution for producing precise cut-outs and circles: the multi-routing template by Festool.

Multi-routing template from page 112

The applications at a glance

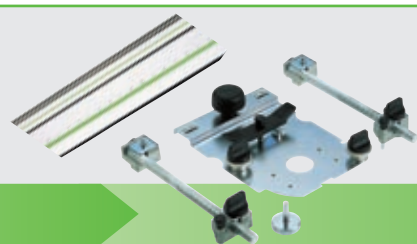
With such a large range of different applications and solutions, it is important to select the right machine. The table below will assist you here. Select the tasks you are faced with most frequently in your daily work from the left column and read the details on the following pages.

Routing

| | OF 1010 | OF 1400 | OF 2000 | OFK 500 | OFK 700 | PF 1200 |
|--|-----------|-----------|-----------|---------|---------|---------|
| One-handed operation | ● | ● | | ● | | |
| Routing corner joints with VS 600 | ● | ● | | | | |
| Routing cut-outs and circles with MFS 400 and MFS 700 | ● | ● | ● | | | |
| Worktop corner joints with APS 900 | | ● | ● | | | |
| Routing door seals with the routing aid | ● | ● | ● | | | |
| Used with the hole series system | ● | ○ | | | | |
| Installed in Basis Plus | Basis 5 A | Basis 6 A | Basis 6 A | | | |
| Rounding, chamfering and profiling | ● | ● | ● | ● | ● | |
| Routing mineral materials | ○ | ● | ● | | | |
| Routing edge veneer flush with straight workpieces | ○ | ○ | ○ | ● | ● | |
| Routing edge veneer flush with straight workpieces while simultaneously rounding | | | | ○ | ● | |
| Routing edge veneer flush on curved workpieces | | | | | ● | |
| Routing edge veneer flush on curves workpieces while simultaneously rounding | | | | | ● | |
| Routing laminate flush | ○ | ○ | ○ | ○ | ● | |
| Clamping collets for 6 and 8 mm shanks (6.35=1/4") | ● | ● | ● | 1 | ● | |
| Clamping collets for 8, 10 and 12 mm shanks (6.35=1/4", 9.53=3/8", 12.7=1/2") | | ● | ● | 1 | | |
| Facing cutters with maximum dia. 50 mm | ● | ● | ● | | | |
| Facing cutters with maximum dia. 63 mm | | ● | ● | | | |
| Facing cutters with maximum dia. 72 mm | | | ● | | | |
| Routing accurate grooves in aluminium composite board (Alucobond, Dibond) | ● | | | | | ● |

○ Appropriate ● Very appropriate ● Extremely appropriate

¹⁾ holder required for special cutter



Hole series system.

The guide rail with hole spacing is indispensable when assembling furniture.

Hole series system from page 104



Jointing system.

Whether dovetail joints, slot joints or dowel joints, it couldn't be easier with a router and VS 600.

VS 600 from page 114



Extraction system.

Clean results with our mobile dust extractors, both in the workshop and on the construction site.

Mobile dust extractors from page 242

Routing

The tools at a glance

Router OF 1010

Small tool for delicate tasks.



Main applications

- Rounding, chamfering, rebating and profiling edges
- Recessing metal fittings
- Grooving rear panels, recessing dovetail batons or routing plasterboard with the guide system (edging technology)
- Producing rows of holes in cabinets using the hole series system LR 32
- Fashioning wooden joints with the VS 600

Strengths and benefits

- Low weight and one-handed operation
- SSB quick-acting safety brake system for improved safety (OF 1010 EBQ)
- MMC electronics for adaptation to the working material and temperature monitoring
- Straightforward routing depth adjustment, accurate to 1/10 mm
- Spindle stop for easy cutter changes
- Chip extractor integrated in the router table for efficient dust extraction

More from page 100

| | |
|---|-----------------|
| Power consumption | 1010 W |
| Cutter spindle speed | 10000–24000 rpm |
| Power consumption | 720 W |
| Cutter spindle speed | 26500 rpm |
| Routing depth adjustment range | 55 mm |
| Fine height adjustment range | 8 mm |
| Connection diameter for dust extraction | 27 mm |
| Weight | 2.7 kg |

 = with MMC electronics



Router OF 1400

Exclusive mid-range router.



Main applications

- Rounding, chamfering, rebating and profiling edges
- Routing circles and cut-outs with the multi-routing template
- Grooving rear panels or recessing dovetail batons with the guide system
- Routing with the routing aid to fit door seals, draft excluders etc
- Routing mineral material (max. cutter dia. 45 mm)

Strengths and benefits

- Rocker and ratchet principle for convenient cutter changes
- Tool-less copying ring changes
- Torsionally rigid base plate due to guide columns on both sides
- Up to 99% dust extraction when routing with chip deflector and d/e hood
- SSB quick-acting safety brake system and MMC electronics
- Routing depth adjustment to 1/10 mm

More from page 105

| | |
|---|-----------------|
| Power consumption | 1400 W |
| Cutter spindle speed | 10000–22500 rpm |
| Routing depth adjustment range | 70 mm |
| Fine height adjustment range | 8 mm |
| Connection diameter for dust extraction | 27/36 mm |
| Weight | 4.5 kg |

 = with MMC electronics



Router OF 2000

The heavy-duty chip remover.



Main applications

- Rounding, chamfering, rebating and profiling edges, recessing metal fittings
- Routing circles and cut-outs, stringers and kitchen worktop corner joints with the multi-routing template
- Routing with the routing aid to fit Schalex, draft excluders or espagnolettes
- Routing mineral materials

Strengths and benefits

- Robust and reliable thanks to the dual-bearing cutter spindle
- Special base runner with extension and chip deflector to guide the router accurately along edges (accessory)
- MMC electronics for adaptation to the working material
- Ergonomically arranged control elements for safe routing

More from page 109

| | |
|---|-----------------|
| Power consumption | 2000 W |
| Cutter spindle speed | 12000–23000 rpm |
| Routing depth adjustment range | 65 mm |
| Fine height adjustment range | 5 mm |
| Connection diameter for dust extraction | 27/36 mm |
| Weight | 5.1 kg |

 = with MMC electronics



Edge router OFK 500

Compact edging professional.



Main applications

- Rounding and chamfering square timber, door frames and boards
- Flush trimming of edge veneer and strip material

Strengths and benefits

- Easy to handle and lightweight
- Perfect adaptation of cutter to borehole in bench to prevent routing errors
- Stable connection between cutter and drive mechanism for maximum true-running precision
- Spindle stop for quick and easy cutter changes
- Straightforward routing depth adjustment, accurate to 1/10 mm

More on page 116

| | |
|---|-----------|
| Power consumption | 450 W |
| Speed | 28000 rpm |
| Connection diameter for dust extraction | 27 mm |
| Weight | 1.4 kg |



Edge router OFK 700

Edging multi-talent.



Main applications

- For protruding edges and surfaces in plastic and wood
- Rounding and chamfering edges
- Routing grooves for inserting PVC edging
- Trimming laminated board flush
- Routing edge veneer on concave and convex parts such as round tables, desktops etc.

Strengths and benefits

- Detachable router table with large support surface
- Base inclined by 1.5° for excellent working results
- Straightforward routing depth adjustment, accurate to 1/10 mm
- Contact spring for smooth routing pattern
- Spindle stop for quick and easy cutter changes

More from page 117

| | |
|-----------------------------------|------------------|
| Power consumption | 720 W |
| Speed | 10000–26000 rpm |
| Clamping collet | 8 mm |
| Maximum cutting depth, vertical | 9 mm (1.5° base) |
| Maximum cutting depth, horizontal | 5 mm (1.5° base) |
| Routing width | max. 14 mm |
| Weight | 2 kg |

 = with MMC electronics



Alum composite milling machine PF 1200

Composite material professional.



Main applications

- Cutting 90° and 135° grooves
- Routing Alucobond and Dibond panels, as well as other brands
- Mobile use – also with guide rail

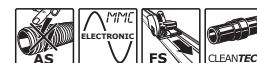
Strengths and benefits

- Removable feeler roller for different material thicknesses
- Low weight for easy transportation and mobile applications
- Guide slot for guide rail
- Blade cutter for rapid progress and effortless precision routing
- Robust, wear-resistant design for long service life

More on page 119

| | |
|-------------------|---------------|
| Power consumption | 1200 W |
| Speed | 1900–5200 rpm |
| Cutter diameter | 118 mm |
| Routing depth | 0–9 mm |
| Hose connection | 27/36 mm |
| Weight | 5.4 kg |

 = with MMC electronics



Routing Router OF 1010



Extremely powerful and manoeuvrable.

Always a firm grip. This is not just an empty promise, but the reality of the OF 1010 concept. This router can be guided easily with one hand thanks to its compact shape and low weight, leaving your other hand free. The OF 1010 is conclusive proof that this concept does not affect the performance of the machine.



The handy OF 1010 is easy to guide and guarantees maximum precision.



The OF 1010 is ideal for one-handed operation – guided independently or on the guide rail.



Although extremely lightweight, the OF 1010 is both powerful and versatile.

A host of features for perfect working results.

OF 1010 applications include profiling, grooving, rebating and routing dovetails. A wide range of technical solutions make this and other applications possible.



Central column clamp.

Lower and clamp without having to take your hands off the machine. It could not be easier.



Ergonomic handle.

The ergonomic handle stem, an essential asset of the Festool router. Switch on, lower the tool, perform the routing task and raise the tool again – all with one hand.



plug-it.

Change machine with a turn of the wrist. Cable breaks will not hold your work up for long. Simply replace the cable and continue.



Angle arm.

The sensor arm copies the profile of workpieces in seconds. The arm runs along the profile of the original workpiece and this profile is then transferred to the workpiece being processed (available as an accessory).



Support.

The OF 1010 is fitted with a support to prevent the router from tipping over when used with the guide rail. As a result, it stays in the groove and produces the desired result.



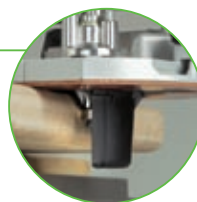
Precise depth setting.

The OF 1010 has a precise depth adjuster. It takes just a few seconds and minimal effort to adjust the routing depth accurate to 1/10 mm, irrespective of the cutter being used.



Integral extractor connector.

The OF 1010 has an integral extractor connector to make sure your workplace is kept clean. Just connect to a Festool CT mobile dust extractor for a clean working environment.



Chip deflector.

The unique chip deflector ensures efficient dust extraction and guarantees maximum suction power when routing edges in combination with the dust extraction hood.

Router OF 1010 – The different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|-------------------------------|---|---|---|---------------|
| OF 1010 EBQ-Plus | ● | ● | Clamping collet dia. 1/4", side stop, guide rail adapter, chip deflector, operating tool | 574237 |
| OF 1010 EBQ set | ● | ● | Clamping collet dia. 1/4", side stop, guide rail adapter, guide rail FS 800/2, chip deflector, operating tool | 574185 |
| OF 1010 EBQ | ● | – | Clamping collet dia. 1/4", side stop, operating tool | 574175 |
| OF 1010 Q (n/a in Aus) | – | – | Clamping collet dia. 1/4", side stop, operating tool | 574188 |

Why settle for anything less?



System benefits.

The OF 1010: practical and efficient thanks to Festool system. This system allows you to adapt the router to different tasks – whether for use on the multi-function table or for precision routing with the guide rail.



Always at the right height.

Perfect working results and no reworking with the OF 1010. The precise depth adjuster sets the routing depth in seconds with minimal effort and accurate to 1/10 mm. The Festool brand epitomises precision.



Sensationally clean.

Routing is no longer a messy business thanks to dust extraction hood, chip deflector and CTM mobile dust extractors from Festool. During edge routing, the chips are collected at the workpiece and transported upwards into the dust extraction hood.



Always one hand free.

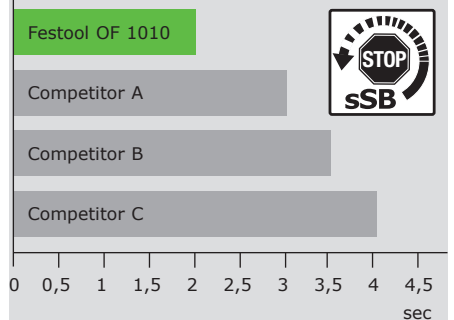
Whether guided independently or on the guide rail, the OF 1010 is the perfect one-handed router. Compact and lightweight, you can guide it accurately along edges, lines or curves, using only one hand.



Used with Basis-Plus System.

Using the OF 1010 in combination with the Basis Plus modular system gives you a powerful bench-mounted router with virtually unlimited options. For more information, see the "Semi-stationary work with Basis Plus" section from page 76.

Router run-on time



Maximum safety with the SSB.

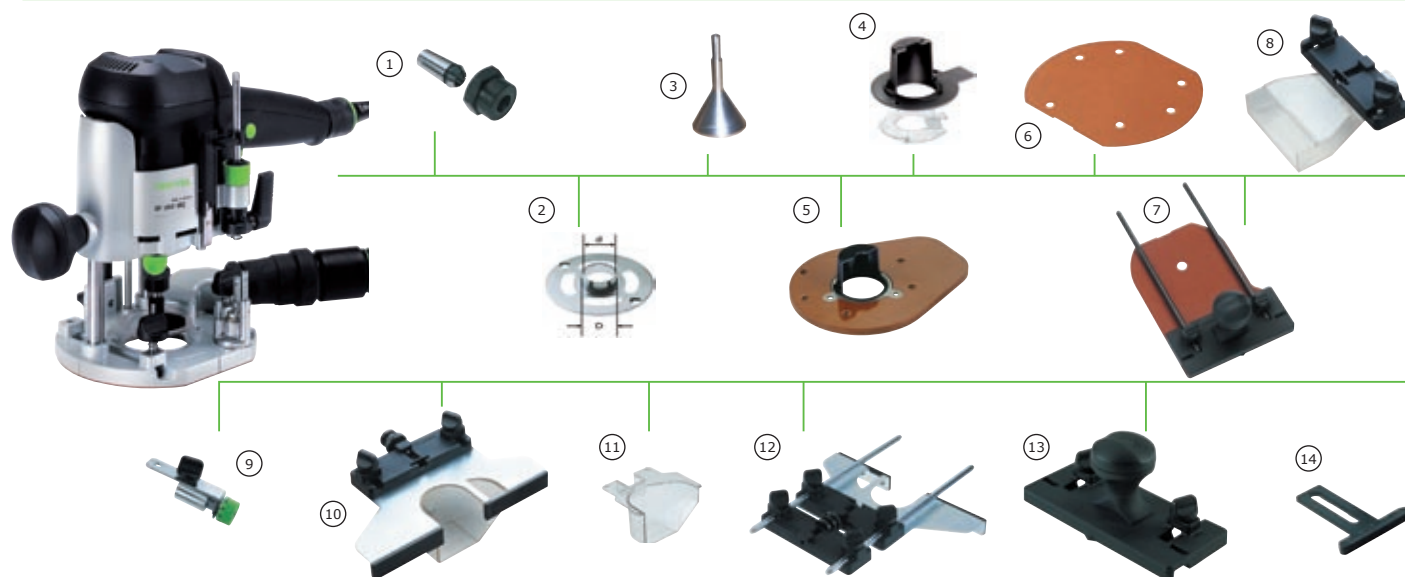
When using a router at full speed and then switching it off, it may take some time for the cutter to stop. The SSB quick-acting safety brake system on the OF 1010 EBQ reduces the motor speed from 22,000 rpm to zero in 2 seconds flat.

More details at www.festool.com/facts.

For more information, visit www.festool.com.au

Accessories for the router OF 1010 can be found from page 103

System overview and accessories



Accessories for router OF 1010, part 1 of 2

| Product | Explanation | Order no. |
|--|--|---------------|
| ① Clamping collet SZ-D 6/OF 1000 | For OFK 700, OF 900, OF 1000, OF 1010, KF, with locking nut SW19, for cutter with shank dia. of 6 mm | 488760 |
| Clamping collet SZ-D 6.35/OF 1000 | For OFK 700, OF 900, OF 1000, OF 1010, KF, with locking nut SW19, for cutter with shank dia. of 6.35 mm (1/4") | 488761 |
| Clamping collet SZ-D 8/OF 1000 | For OFK 700, OF 900, OF 1000, OF 1010, KF, with locking nut SW19, for cutter with shank dia. of 8 mm | 488755 |
| Locking nut UEM/OF 900/KF | For OF 900, OF 1000, OF 1010, KF, for clamping collets (replacement) | 483424 |
| ② Copying ring KR-D10.8/OF900 | For OF 900, OF 1000, OF 1010, KF, D 10.8 mm, d 9 mm (replacement for VS 600) | 486029 |
| Copying ring KR-D13.8/OF900 | For OF 900, OF 1000, OF 1010, KF, D 13.8 mm, d 11 mm | 484176 |
| Copying ring KR-D17/OF900 | For OF 900, OF 1000, OF 1010, KF, D 17 mm, d 15 mm | 486030 |
| Copying ring KR-D24/OF900 | For OF 900, OF 1000, OF 1010, KF, D 24 mm, d 21 mm | 486031 |
| Copying ring KR-D27/OF900 | For OF 900, OF 1000, OF 1010, KF, D 27 mm, d 25 mm | 486032 |
| Copying ring KR-D30/OF900 | For OF 900, OF 1000, OF 1010, KF, D 30 mm, d 27 mm | 486033 |
| Copying ring KR-D40/OF900 | For OF 900, OF 1000, OF 1010, KF, D 40 mm, d 37 mm | 486034 |
| ③ Centring mandrel ZD-OF/D 6.35+8 | For OF 900, OF 1000, OF 1010, OF 2000, for shank holder with dia. of 6.35 mm and 8 mm for centering copying rings | 492187 |
| ④ Chip deflector KSF-OF 1010 | For OF 900, OF 1000, OF 1010, for side dust extraction when routing edges, max. cutting clearance: 37 mm | 493180 |
| ⑤ Base runner with chip deflector LAS-OF 1010 | For OF 900, OF 1000, OF 1010, for side dust extraction when routing edges, base runner with extension on one side, max. cutting clearance: 48 mm | 493139 |
| ⑥ Hard-fibre base runner TP-OF | For OF 900, OF 1000, OF 1010, KF, with central hole dia. 15 mm | 489229 |
| ⑦ Extension table TV-OF1000 | For OF 900, OF 1000, OF 1010, KF, for extending the workpiece support area for edge trimming | 488756 |
| ⑧ Dust extraction hood AH-OF1000 | For OF 900, OF 1000, OF 1010, KF, for jointing system VS 500/600 and edge routing | 484453 |
| ⑨ Fine adjuster for guide stop FE-FS/OF 1000 | For OF 900, OF 1000, OF 1010, KF | 488754 |
| ⑩ Side stop SA-OF 1010 | For OF 900, OF 1000, OF 1010, KF | 489427 |
| ⑪ Chipguard | For OF 900, OF 1000, OF 1010, KF, for side stop | 437307 |
| ⑫ Fine adjuster for side stop FE-OF 1010/KF | For OF 900, OF 1000, OF 1010, KF, for quick and precise adjustment of side stop, can be retrofitted | 483358 |
| ⑬ Guide stop FS-OF 1000 | Allows use of routers OF 900, OF 1000, OF 1010 with the FS guide system, complete with support | 488752 |
| ⑭ Support | For all Festool routers, prevents the router from tipping off the guide rail | 438608 |
| Rotary knob | For support (not shown) | 436195 |

For more information, visit www.festool.com.au

Routing Accessories

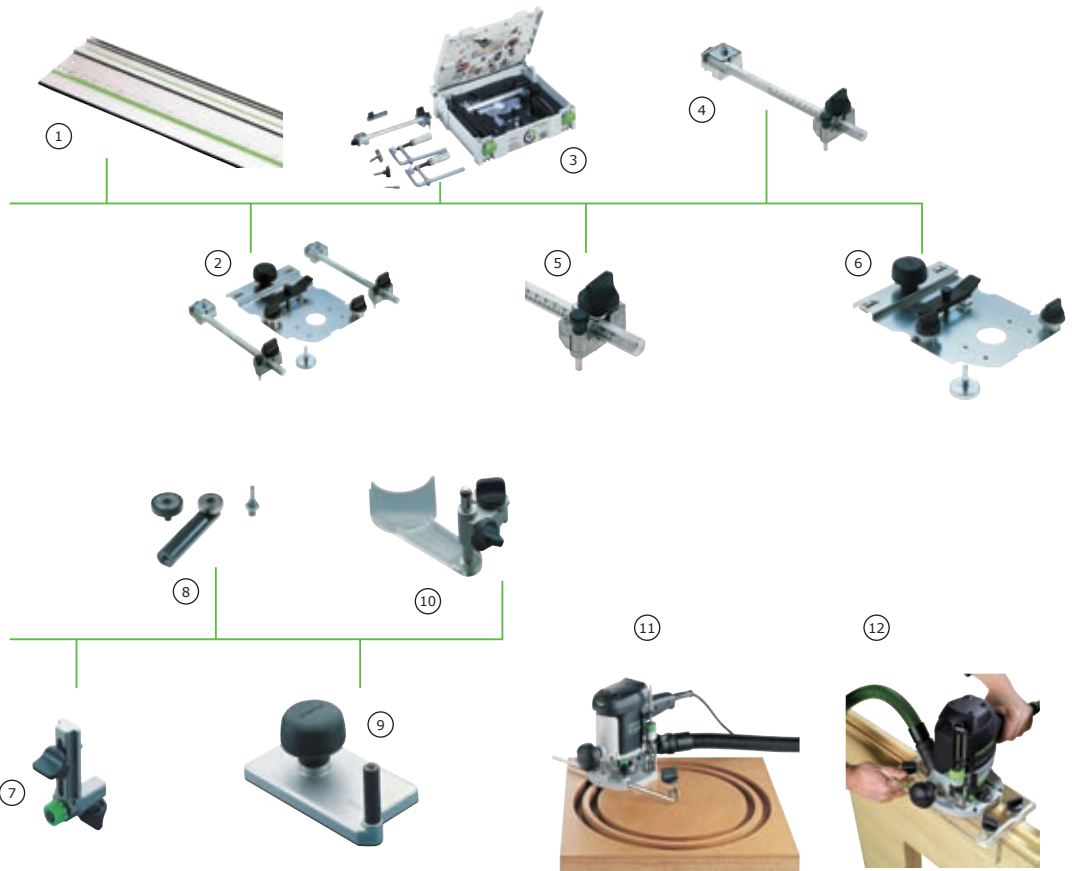
System overview and accessories



Hole series system



Edge trimming system



Accessories for router OF 1010, part 2 of 2

| Product | Explanation | Order no. |
|-------------------------------------|---|---------------|
| ① Guide rail FS 1080/2-LR32 | With row of holes, length 1080 mm | 491621 |
| Guide rail FS 2424/2-LR32 | With row of holes, length 2424 mm | 491622 |
| ② Hole set LR32 | Guide plate with centering mandrel and two side stops, for use with routers OF 900, OF 1000, OF 1010 in combination with hole series system FS-LR33 | 583160 |
| ③ Hole drilling set LR32-SYS | For OF 900, OF 1000, OF 1010, guide plate, centering mandrel, operating tool, HW hinge location cutter dia. 35 mm, HW dowel drill dia. 5 mm (roof style); HW dowel drill dia. 5 mm (with centre point and cutter), 2 side stops with stop flags, 2 clamps FSZ 120, SYSTAINER size: SYS1 | 489270 |
| ④ Side stop SA-LR32 | With stop flag, for parallel alignment of guide rails | 485758 |
| ⑤ Stop flag AR-LR32 | For OF 900, OF 1000, OF 1010, for side stop | 485759 |
| ⑥ Guide plate FP-LR32 | With centring mandrel for use of routers OF 900, OF 1000, OF 1010 in combination with hole series system FS-LR32 | 485761 |
| ⑦ Angle arm WA-OF | For OF 900, OF 1000, OF 1010, KF, required in addition to copier scanning set KT-OF for copying workpieces | 486052 |
| ⑧ Copier scanning set KT-OF | For OF 900, OF 1000, OF 1010, KF, copier scanning set KT-OF and angle arm WA-OF are required for copying workpieces | 486534 |
| ⑨ Edging plate UP-OF | For OF 900, OF 1000, OF 1010, KF, angle arm WA-OF and edging plate UP-OF are required for trimming protruding edges flush | 486058 |
| ⑩ Chipguard SF-OF | For OF 900, OF 1000, OF 1010, KF | 486242 |
| ⑪ Trammel unit SZ-OF1000 | For OF 900, OF 1000, OF 1010, KF, for routing curves, circles and decorative curves on surfaces and edges, circle dia. 153 - 760 mm | 483922 |
| ⑫ Routing aid OF-FH2000 | For OF 900, OF 1000, OF 1010, OF 1400, OF 2000, for routing door seals, draft excluders etc, can also be used with routers from other manufacturers | 492037 |
| SYSTAINER SYS-OF1010/KF | SYSTAINER size: SYS3 (not shown) | 488447 |

For more information, visit www.festool.com.au



Better than the rest.

A tool concept that sets new standards: whether the issue is size, weight, handling or power – the OF 1400 is guaranteed to impress. As a new development, it fulfils all the requirements of a router in the middle power class, no matter what you have in mind.

ROUTING

You can download the brochure for the OF 1400 from www.festool.com.au



Once the routing height is set, the router is clamped to both guide columns at the same time with maximum torsional rigidity and only one clamping handle: for precise working results.



1400 watt power and excellent manoeuvrability.



Guided precision routing – a matter of course with the Festool guide rail.

Routing

Router OF 1400

An impressive all-in-one package.

The 70 mm routing stroke and extensive range of accessories for the OF 1400 leave nothing to be desired. For perfect routing results and easy handling.



Precise depth setting.

The accurate play-free depth setting with "zero" function allows the routing depth to be adjusted quickly and without the need for recalculation. Fine adjustment accurate to 1/10 mm.



Steadfast stability.

Once the routing height is set, the router is clamped to both guide columns at the same time with only one clamping handle. It is therefore extremely torsionally rigid and guarantees precise working results.



SSB quick-acting safety brake system.

For maximum safety when routing with the OF 1400. The router tool stops in less than 2 seconds before it can do any damage.



Change cutters in an instant.

The convenient spindle stop with rocker and ratchet principle allows you to change the cutter without removing the spanner. What a relief!



70 mm stroke.

Recessing metal fittings and tasks that require a considerable routing depth and involve templates no longer constitute a problem thanks to the larger routing stroke of 70 mm.



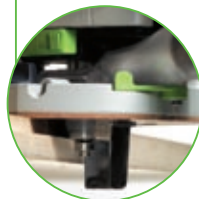
Central clamp.

The guide rods on the parallel stop and other accessories are locked and released via one rotary knob. It couldn't be easier!



Tool-less copying ring change.

You can change the copying ring on the OF 1400 without using tools. Simply unlock, remove the copying ring and slot another one in its place - no need for adjustments, the ring is already centered correctly.



99% dust extraction.

Combined with the dust extraction hood, the unique chip deflector makes the impossible possible. Up to 99% of chips are extracted during edge routing (source: Festool test workshop). Ideal with a CT mobile dust extractor.

Router OF 1400

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|------------------|---|---|--|-----------|
| OF 1400 EBQ-Plus | ● | ● | Clamping collet dia. 1/4", clamping collet dia. 1/2", side stop with fine adjuster and extractor hood, copying ring dia. 30 mm, top dust extraction hood, chip deflector, operating tool | 574411 |

Setting new standards.



Prepared for any task.

At 4.5 kg, the OF 1400 is the lightest in its class and has an impressive 70 mm routing stroke. This is particularly useful when recessing fittings or routing with templates.

More details at www.festool.com.au/facts.



Take a deep breath.

The chip deflector, which can be rotated through 360°, catches the chips and wood dust and directs them straight into the dust extraction hood with connected extractor hose. This is how 99% of the chips and dust generated are extracted during edge routing (source: Festool test workshop).



Dual clamp for extra stability.

Precision routing is so easy. The column clamp on the OF 1400 acts on both guide columns simultaneously, making the machine torsionally rigid and ensuring perfect working results. You can forget time-consuming reworking.



Clunk, click, ready.

Changing the cutter on the OF 1400 is quick and easy. Activate the spindle stop via the rocker, then place the open end wrench in position and tighten or release using the ratchet principle without removing the spanner.



Adapted in seconds.

Another feature to ease your workload: tool-less copying ring changes. One click to release the ring, replacing it is just as straightforward. This feature also makes changing from a copying ring to an accessory much quicker.



Upgrade your router.

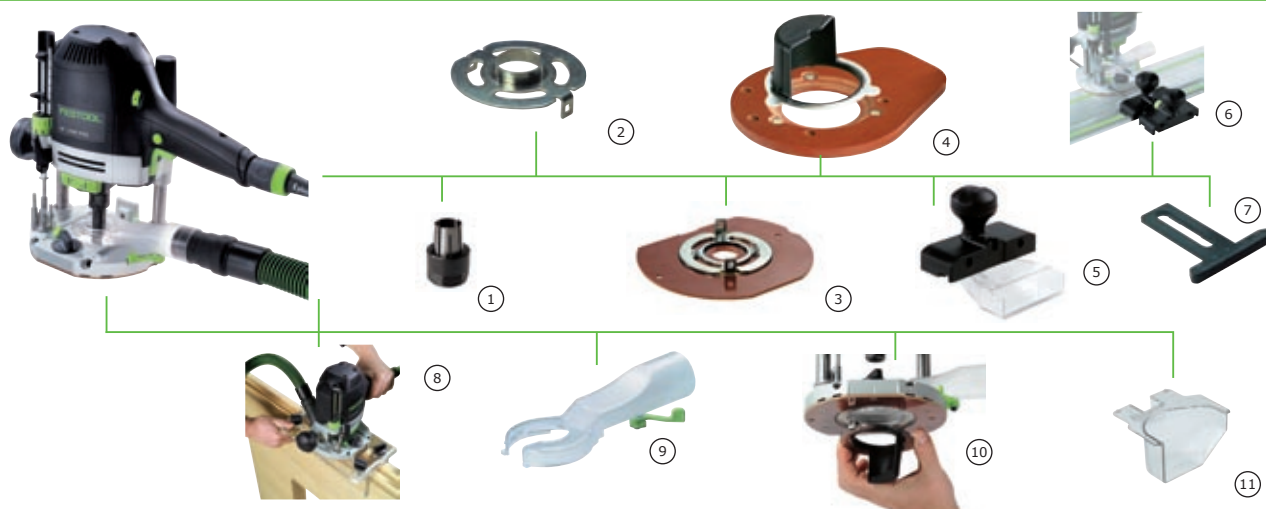
Attaching useful system accessories makes the OF 1400 even more versatile: whether you use the multi-routing template to produce cut-outs and circles or attach the routing aid, all our accessories are designed to make your daily workload lighter.

Accessories for the router OF 1400 can be found on page 108

For more information, visit www.festool.com.au

Routing Accessories

System overview and accessories



Accessories for router OF 1400

| Product | Explanation | Order no. |
|--|--|---------------|
| ① Clamping collet SZ-D 6.35/OF 1400/2000 | For OF 1400, OF 2000, with locking nut, for 6.35 mm shank dia. | 492141 |
| Clamping collet SZ-D 8.0/OF 1400/2000 | For OF 1400, OF 2000, with locking nut, for 8.0 mm shank dia. | 492005 |
| Clamping collet SZ-D 9.53/OF 1400/2000 | For OF 1400, OF 2000, with locking nut, for 9.53 mm shank dia. | 492142 |
| Clamping collet SZ-D 10.0/OF 1400/2000 | For OF 1400, OF 2000, with locking nut, for 10.0 mm shank dia. | 492139 |
| Clamping collet SZ-D 12.0/OF 1400/2000 | For OF 1400, OF 2000, with locking nut, for 12.0 mm shank dia. | 492140 |
| Clamping collet SZ-D 12.7/OF 1400/2000 | For OF 1400, OF 2000, with locking nut, for 12.7 mm shank dia. | 492143 |
| ② Copying ring KR-D 17.0/OF1400 | For OF 1400, D 17 mm | 493315 |
| Copying ring KR-D 24.0/OF1400 | For OF 1400, D 24 mm | 492183 |
| Copying ring KR-D 27.0/OF1400 | For OF 1400, D 27 mm | 492184 |
| Copying ring KR-D 30.0/OF1400 | For OF 1400, D 30 mm | 492185 |
| Copying ring KR-D 40.0/OF1400 | For OF 1400, D 40 mm | 492186 |
| Copying ring KR-D 8.5/OF1400 | For OF 1400 / VS 600, D 8.5 mm | 492179 |
| Copying ring KR-D 13.8/OF1400 | For OF 1400 / VS 600, D 13.8 mm | 492180 |
| Copying ring KR-D 17.0/OF1400 | For OF 1400 / VS 600, D 17 mm | 492181 |
| Copying ring KR-D 24.0/OF1400 | For OF 1400 / VS 600, D 24 mm | 492182 |
| ③ Base runner LA-OF 1400 | For OF 1400, hard fibre base runner with 20 mm hole, reduces the size of the centring bore to fit the cutter diameter, max. cutter dia. 37 mm | 492574 |
| ④ Base runner with chip deflector LAS-OF 1400 | For OF 1400, for side dust extraction when routing edges, base runner with extension on one side, max. cutting clearance: 63 mm | 493233 |
| ⑤ Dust extraction hood AH-OF 1400 | For OF 1400 / VS 600, for side dust extraction | 492585 |
| ⑥ Guide stop FS-OF 1400 | For OF 1400, with fine adjuster and router support | 492601 |
| ⑦ Support | For all Festool routers, prevents the router from tipping off the guide rail | 438608 |
| Rotary knob | For support (not shown) | 436195 |
| ⑧ Routing aid OF-FH 2000 | For OF 900, OF 1000, OF 1010, OF 1400, OF 2000, for routing Schalllex, draft excluder and espagnolettes in doors and windows, can also be used with routers from other manufacturers | 492037 |
| ⑨ Dust extraction hood OF 1400 EBQ | For OF 1400 (replacement) | 492000 |
| ⑩ Chip deflector KSF-OF 1400 | For OF 1400, for side extraction when routing edges | 492732 |
| ⑪ Chipguard OF 2000 E | For OF 1400, OF 2000, for side stop (replacement) | 445497 |

For more information, visit www.festool.com.au



Controlled power.

The OF 2000 – the powerhouse for heavy-duty routing work. High power output, twinned with a dual-bearing armature shaft, produces a clean routing pattern even when routing hard woods and mineral materials.



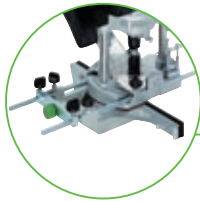
Ergonomics.
A perfect combination of power and manoeuvrability and a secure two-handed grip on the router at all times.



MMC electronics.
The MMC electronics allow you to adjust the maximum speed of the machine. The machine is also protected by the smooth start-up and temperature monitoring functions.



Precise depth setting.
The accurate play-free depth setting with "zero" function allows the routing depth to be adjusted quickly and without the need for recalculation. Fine adjustment accurate to 1/10 mm.



Side stop.
The side stop on the OF 2000 guarantees precision routing at the required distance and, with the fine adjuster, routing is accurate to the millimetre.



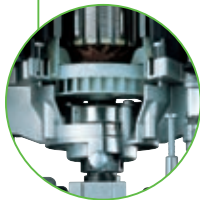
Guide rail adapter.
Whether you are routing grooves or dovetail batons, the guide rail once again shows how universal it is when combined with the OF 2000.



Efficient dust extraction.
The dust extractor and the new chip deflector form the perfect team for routing mineral materials or MDF. The system reliably traps and extracts chips and dust during edge routing, for example.



Switches at your fingertips.
The on and off switch on the OF 2000 is easy to access from the handle gripping position.



Robust and a long service life.
Power of this kind requires a hard-wearing inner mechanism. The armature shaft on the OF 2000 has two bearings with a special seal to withstand heavy-duty loads.

Router OF 2000 – the different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|------------------|---|---|--|-----------|
| OF 2000 E/1-Plus | ● | ● | Clamping collet dia. 12 mm, clamping collet dia. 1/4", copying ring, extractor hood, side stop, chip deflector, operating tool | 574246 |
| OF 2000 E/1 | ● | – | Clamping collet dia. 12 mm, clamping collet dia. 1/4", copying ring, extractor hood, side stop, operating tool | 574247 |

Gives you that bit extra.



Precision guidance.

Operating the OF 2000 E/1 with both hands gives you nothing but complete control and is the only way to apply 2000 watts of power with maximum efficiency. And to make things even easier, all switches and control elements are easily accessible.



Forget the balancing act.

Routing edges with a large router is not always easy, so for this reason we have developed a special base runner that extends the workpiece support area. A chip deflector and dust extraction hood take care of the cleaning here (available as an accessory).



Extremely versatile.

Adequate power, a 65 mm routing stroke and a clean routing pattern form the perfect basis for using the OF 2000 in combination with a routing template. Festool worktop routing templates can be used, eg to fashion neat corners and panel joins in no time at all.



Straightforward routing.

Festool developed the guide rail over 40 years ago and it has been continually improved ever since. The rail guides the router accurately, even when the groove does not run parallel to the edge. Simply attach the right adapter.



Perfect assistance.

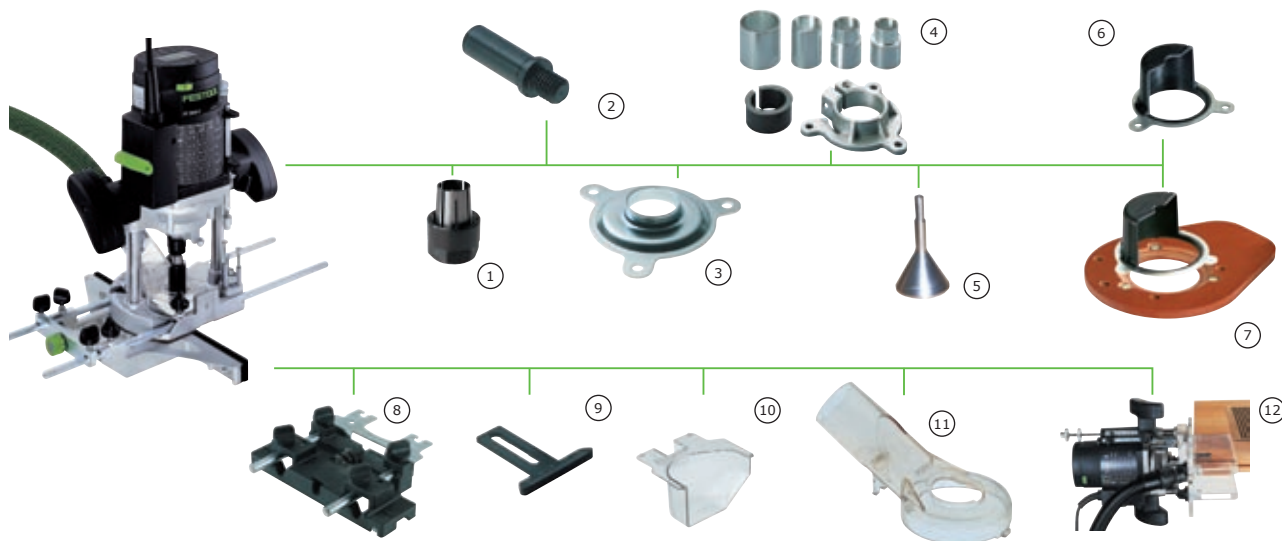
The OF 2000 is well equipped for heavy-duty edge trimming. First of all, it has a maximum routing stroke of 65 mm. Secondly, the OF-FH routing aid guarantees safe handling, even along narrow edges.



More options.

Basis 6 A and router OF 2000 E/1 combine to form a routing unit with virtually unlimited application possibilities, which is particularly suited to precision work involving a variety of different shapes and where attention to detail is paramount.

System overview and accessories



Accessories for router OF 2000

| Product | Explanation | Order no. |
|--|--|---------------|
| ① Clamping collet SZ-D 6.35/OF 1400/2000 | For OF 1400, OF 2000, with locking nut, for 6.35 mm shank dia. | 492141 |
| Clamping collet SZ-D 8.0/OF 1400/2000 | For OF 1400, OF 2000, with locking nut, for 8.0 mm shank dia. | 492005 |
| Clamping collet SZ-D 9.53/OF 1400/2000 | For OF 1400, OF 2000, with locking nut, for 9.53 mm shank dia. | 492142 |
| Clamping collet SZ-D 10.0/OF 1400/2000 | For OF 1400, OF 2000, with locking nut, for 10.0 mm shank dia. | 492139 |
| Clamping collet SZ-D 12.0/OF 1400/2000 | For OF 1400, OF 2000, with locking nut, for 12.0 mm shank dia. | 492140 |
| Clamping collet SZ-D 12.7/OF 1400/2000 | For OF 1400, OF 2000, with locking nut, for 12.7 mm shank dia. | 492143 |
| Locking nut UEM/OF 2000 | For OF 2000, for clamping collets | 487161 |
| ② Adapter D 12/M10 | For OF 1400, OF 2000, for cutters with internal thread M10 | 487247 |
| Adapter D 12/M12 OF2000 | For OF 1400, OF 2000, for cutters with internal thread M12x1 | 487160 |
| ③ Copying ring KR-D24/OF2000 | For OF 2000, dia. 24 mm | 487019 |
| Copying ring KR-D27/OF2000 | For OF 2000, dia. 27 mm | 487018 |
| Copying ring KR-D30/OF2000 | For OF 2000, dia. 30 mm | 487016 |
| Copying ring KR-D40/OF2000 | For OF 2000, dia. 40 mm | 487017 |
| ④ Copying ring holder set KRH-OF2000 set | For OF 2000, for adjusting the copying ring to any template height, quick copying ring changes, height of the copying ring adjustable, dia. 24/27/30/40 mm | 487441 |
| ⑤ Centring mandrel ZD-OF/D 6.35+8 | For OF 900, OF 1000, OF 1010, OF 2000, for shank holder with dia. of 6.35 mm and 8 mm for centring copying rings | 492187 |
| ⑥ Chip deflector KSF-OF 2000 | For side extraction when routing edges, max. clearance: 51 mm | 493259 |
| ⑦ Base runner with chip deflector LAS-OF 2000 | For OF 2000, for side dust extraction when routing edges, base runner with extension on one side, max. clearance: 72 mm | 493046 |
| ⑧ Guide stop FS-OF 2000 | Allows use of router OF 2000 with the guide system FS, with fine adjuster | 487010 |
| ⑨ Support | For all Festool routers, prevents the router from tipping off the guide rail | 438608 |
| ⑩ Dust extraction hood AH-SA-OF2000 | For OF 1400, OF 2000, dust extraction hood for side stop | 489565 |
| ⑪ Dust extraction hood AH-OF2000 | For OF 2000 (replacement) | 444376 |
| ⑫ Routing aid OF-FH 2000 | For OF 900, OF 1000, OF 1010, OF 1400, OF 2000, for routing Schalllex, draft excluder and espagnolettes in doors and windows, can also be used with routers from other manufacturers | 492037 |
| Parallel stop OF 2000 | Not shown (replacement) | 487839 |
| SYSTAINER SYS OF 2001 | SYSTAINER size SYS4 (not shown) | 487481 |

For more information, visit www.festool.com.au

Routing

Multi-routing template MFS

The template with all the options.

Laborious work manufacturing wooden templates and any kind of temporary solution has become a thing of the past because you can now use the Festool

multi-routing template to create different-shaped cut-outs and circles with minimum effort.

Extremely versatile.

In combination with adjustable profiles and various accessories, the multi-routing template can be used for a wide range of tasks, from rectangular to round cut-outs.

Scale accurate to the millimetre.

A millimetre scale is printed along each profile, allowing you to adjust the template quickly and rout the desired cut-out or curve accurately.

Securing groove.

The template can be attached to the workpiece easily at any time via the securing groove for Festool screw and lever clamps.

Tilt protection.

Inserting the copying ring into the tilt protector prevents the router from tipping over during operation and minimises the risk of injury while increasing working quality. Compatible with copying rings 24/27/30/40 mm in diameter

Angle stops.

Angle stops can also be fitted to the multi-routing template to help position it accurately in relation to the workpiece.



Setting up your template could not be easier thanks to aluminium profiles that can be adjusted in both a lengthways and cross direction. Time-consuming searches and manufacturing templates are a thing of the past. Extension profiles between 200 mm and 2000 mm are now available for extending the basic models of the MFS 400 and MFS 700.



Producing round cut-outs with ease.



Flat cut-outs can be made simply and neatly with the MFS-FS router carriage.



Quick manufacture of corner and panel joins using the worktop routing template.



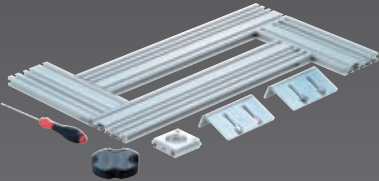
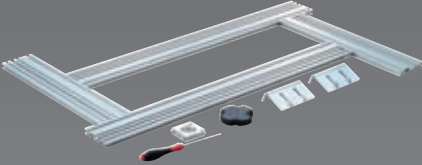
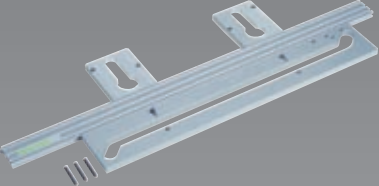
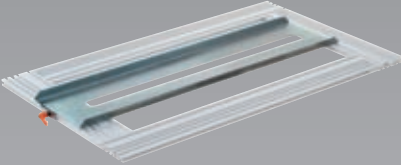
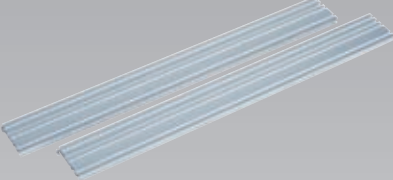
Extension profiles can be used to build stringers.

Multi-routing template MFS – The different options

| Model | Equipment/Scope of delivery | Order no. |
|----------------|---|---------------|
| MFS 400 | For rectangular or round cut-outs, 2 angle stops, tilt protection, circle routing insert, adjustment tool | 492610 |
| MFS 700 | For rectangular or round cut-outs, 2 angle stops, tilt protection, circle routing insert, adjustment tool | 492611 |

Illustrations of scope of delivery items and accessories for the multi-routing template MFS can be found on page 113

For more information, visit www.festool.com.au

| Accessories | Description and application | Type | Order no. |
|--|--|--|--|
|      | Multi-routing template Routing template for rectangular (max. 300 x 100 mm) or round (max. dia. 600 mm) cut-outs. Suitable for all routers with a copying ring retainer. 2 angle stops, tilt protection, circle routing insert, adjustment tool | MFS 400 | 492610 |
| | Multi-routing template Routing template for rectangular (max. 600 x 300 mm) or round (max. dia. 1200 mm) cut-outs. Suitable for all routers with a copying ring retainer. 2 angle stops, tilt protection, circle routing insert, adjustment tool | MFS 700 | 492611 |
| | Worktop routing template For corner and panel joins. Maximum panel width 900 mm. For all routers ≥ 1400 W, with copying ring diameter 30 mm and cutter diameter 14 mm Worktop routing template, 3 stop pins, 2 panel join templates, profile rail | APS 900 | 492727 |
| | Router carriage for multi-routing template For routing over large surface areas (for copying ring, dia. 30 mm) Scope of delivery without multi-routing template | MFS-FS | 492728 |
| | Extension profiles For extending the MFS 400 or MFS 700 Length 200 mm with scale Length 400 mm with scale Length 700 mm with scale Length 1000 mm with scale Length 2000 mm without scale | MFS-VP 200 MFS-VP 400 MFS-VP 700 MFS-VP 1000 MFS-VP 2000 | 492722 492723 492724 492725 492726 |

Routing Jointing system VS 600

Tradition is mandatory.

Dovetailing is one of the oldest wood-joining techniques and has always been regarded as a sign of craftsmanship, due

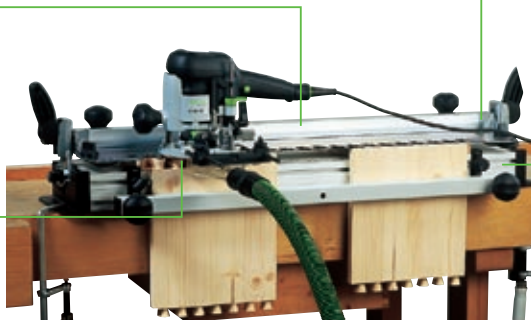
to the care and high-quality tools required for the dovetails to fit exactly.

7 templates.

Whether you want to rout dovetail joints or slot joints, the 7 VS 600 templates will cut them quickly and easily – with a maximum working width of 650 mm (available as an accessory).

Accurate results.

The VS 600 achieves accurate results because the router, template, copying ring and cutter are fully compatible with one another.



Templates are easy to change.

The templates on the VS 600 are easy to change. Without using tools.

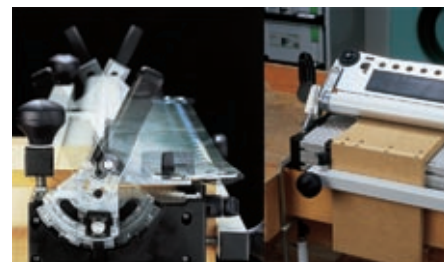
Long service life.

Solid aluminium design with steel contact bar for a long service life.

The jointing system can produce joints with a maximum working width of 650 mm, depending on the jointing type and consists of a basic unit and 7 different templates, allowing you to create both hidden and open dovetail joints, slot joints and dowelling joints.



Whether small or large dovetail joints, slot joints or dowel joints, the VS 600 can do them all.



With the patented swivelling segment on the VS 600, you can dowel floors and side panels on one setting.



The memory eccentric disk and simple clamping system enable accurate, repeat positioning of workpieces and templates.



Simply fold up the template to process several workpieces in succession. It does not need to be removed.

Jointing system VS 600

| Model | Equipment/Scope of delivery | Order no. |
|--|--|---------------|
| Jointing system, basic unit VS 600 GE | For professional dovetail joints in hard and softwood, workpiece thickness 6–30 mm, max. workpiece length 650 mm | 488876 |

Accessories for the jointing system VS 600 can be found on page 115

For more information, visit www.festool.com.au

Accessories

| | Description and application | Type | Order no. |
|--|--|--|------------------|
|  | ① Dovetail joint template SZ 14 For hidden dovetail joints Slot size 14 mm, workpiece thickness 14-20 mm Copying ring dia. 17 mm (for OF 1010, included in scope of delivery) | VS 600 SZ 14 | 488877 |
| | Matching cutter (8 mm shank): Dovetail cutter HS or Dovetail cutter HW | HS D 14,3/13,5/15° HW D 14,3/13,5/15° | 490991 490992 |
| | Dovetail joint template SZ 20 For hidden dovetail joints Slot size 20 mm, workpiece thickness 21-28 mm Copying ring dia. 24 mm (for OF 1010, included in scope of delivery) | VS 600 SZ 20 | 488878 |
| | Matching cutter (8 mm shank): Dovetail cutter HS or Dovetail cutter HW | HS D 20/17/15° HW D 20/17/15° | 490995 490996 |
|  | ② Template set SZO 14 For open dovetail joints Slot size 14 mm, workpiece thickness 8-14 mm Copying ring dia. 8.5 and 17 mm (for OF 1010, included in scope of delivery) | VS 600 SZO 14 | 491152 |
| | Matching cutter (8 mm shank): Dovetail cutter HW and Spiral groove cutter, HW | HW D 14,3/16/10° HW D 6/16 | 491164 490978 |
| | Template set SZO 20 For open dovetail joints Slot size 20 mm, workpiece thickness 14-25 mm Copying ring dia. 13.8 and 24 mm (for OF 1010, included in scope of delivery) | VS 600 SZO 20 | 491153 |
| | Matching cutter (8 mm shank): Dovetail cutter HW and Spiral groove cutter, HW | HW D 20/26/10° HW D 10/30 | 491165 490980 |
|  | ③ Slot joint template FZ 6 For slot joints, slot size 6 mm, Workpiece thickness 6-10 mm Copying ring dia. 8.5 mm (for OF 1010, included in scope of delivery) | VS 600 FZ 6 | 488879 |
| | Matching cutter (8 mm shank): Spiral groove cutter HW or Spiral groove cutter HS | HW D 6/16 HS 6/16 | 490978 490944 |
| | Slot joint template FZ 10 For slot joints, slot size 10 mm, Workpiece thickness 10-20 mm Copying ring dia. 13.8 mm (for OF 1010, included in scope of delivery) | VS 600 FZ 10 | 488880 |
| | Matching cutter (8 mm shank): Spiral groove cutter HW or Spiral groove cutter HS | HW D 10/30 HS 10/30 | 490980 490946 |
|  | ④ Dowel template DS 32 Individual/32-piece, dia.13.8 mm Dowel drill bit, p 132 | VS 600 DS 32 | 488881 |

Routing

Edge router OFK 500

For trimming round objects.

A good finish is the icing on the cake. This is why it is important not to compromise when machining edges; it would be a

shame to spoil the overall visual impression right at the end.

Exact to 1/10 mm.

The routing depth can be adjusted accurately to 1/10 mm. The lock prevents the router table from moving during operation and is easy to operate.

Excellent true-running precision.

On the OFK 500 edge router, the cutter is positioned directly on the spindle, ensuring excellent true-running precision and quality working results.



Lightweight.

Low weight of only 1.4 kg and a compact shape make this edge router easy to handle.

Spindle stop.

Changing cutters is easy thanks to the spindle stop.

Hard fibre base.

The hard fibre base runner on the OFK 500 prevents the workpiece from becoming scratched or marked.

The OFK 500 weighs in at only 1.4 kg and is perfectly balanced, making it manoeuvrable and perfect for both vertical and horizontal use. The new mount fixes the cutter directly on the drive shaft, guaranteeing a long service life for the edge router. The cutter is seated directly on the drive shaft and the front machine ball bearing guide and does not require a clamping collet, thus minimising vibrations and preserving the ball bearing guides.



Router tool fixed directly on the drive shaft ensuring maximum true-running precision with no vibration.



The OFK 500 is also ideal for rounding edges when combined with one of a selection of chamfer ogee cutters, diameter between 2–6 mm.



We recommend using an edge trimming cutter for routing edge veneer or strips that are exactly flush with the workpiece. Ideal with the edge router OFK 500.



The OFK 500 is a reliable partner for routing attractive chamfers on edges and achieving quality working results with Festool router cutters.

Edge router OFK 500 – The different options

S = with Systainer

| Model | S | Equipment/Scope of delivery | Order no. |
|-----------------------|---|---|---------------|
| OFK 500 Q-Plus | ● | Chamfer ogee cutter HW R3-OFK, dust extraction hood, operating tool | 574253 |
| OFK 500 Q | – | Chamfer ogee cutter HW R3-OFK, dust extraction hood, operating tool | 574184 |



The edging multitalent.

The OFK 700 EQ is a multi-talent among edge trimmers because it makes easy work of trimming edges and surface projections, irrespective of whether the workpiece is large or small, or whether the edges are curved or straight. The quick, heavy-duty detachable router table provides a stable surface area and secure guidance for the machine in any working position.



Highly effective dust extraction.
The OFK 700 extracts chips and dust in both a vertical or horizontal position with no trouble at all.



MMC electronics.
The MMC electronics quickly adapt the speed of the OFK 700 to the working material and keep it constant under load.



plug-it.
Change machines with a turn of the wrist. Cable breaks will not hold you up for long. Simply replace the cable and continue your work.



Moving contact pad.
Laminated plastic edges are extremely hard and normally the cutter is only partially used. The OFK 700 has a moving contact pad to exploit the full potential of the cutter blade.



Exact to 1/10 mm.
The routing depth can be adjusted in 1/10 mm increments.



1.5° router table.
The table on the OFK 700 is inclined 1.5° to prevent the surface of the workpiece from being damaged during routing work.



0° router table.
The 0° table is used where the 1.5° router table is not the ideal solution, eg on covered or coated edges. This accessory is used to rout edges at right angles.



Contact spring.
The contact spring compensates for unevenness on coarse edges (eg chip-board) to prevent errors from being transferred to the router and therefore to the edge of the workpiece.

Edge router OFK 700 and accessories

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|-----------------|---|---|---|-----------|
| OFK 700 EQ-Plus | ● | ● | Clamping collet dia. 1/4", dust extraction hood, edge trimming cutter D 19 x 16, operating tool | 574408 |
| 0° router table | – | – | 0° router table for routing at any angle | 491427 |

Routing

Edge router OFK 700

Impressive both on curves and in straight lines.



Two for the price of one.

The design of the router table on the OFK 700 incorporates an opening on the support base to accommodate the veneer overhang. Veneer or strips can be routed flush and rounded at the same time using the correct Festool cutter.



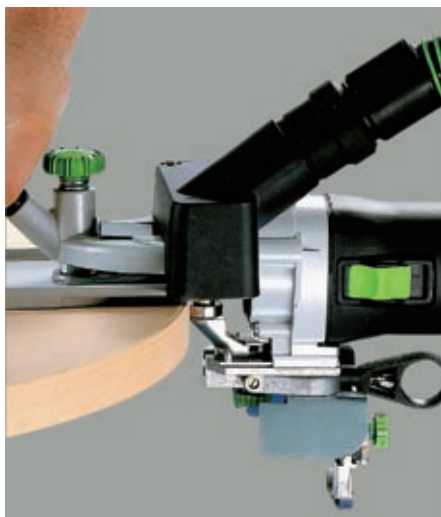
Right in the middle.

Accuracy is of the essence when cutting grooves for edging. The depth setting on the OFK 700 can be adjusted accurate to 1/10 mm for precise, central grooves.



When the going gets rough.

When routing laminate on chipboard flush, it can be frustrating when unevenness on rough edges is transferred to the cutter and therefore to the workpiece. Thank goodness for the OFK 700! The contact spring on the OFK 700 compensates for unevenness and so minimises errors.



The curve professional.

The OFK 700 can be used in a wide range of applications, including routing concave and convex tabletops or corners of benches. Trimming laminate or solid wood veneer flush also poses no problem.



The 0° router table.

Veneer on covered or coated workpieces must be routed at an exact right angle to the surface. A 0° router table is available as an accessory for this type of task and is the only sure way of guaranteeing a secure glued joint.



Inclined router table.

The edges of coated material are routed at 1.5° via the inclined router table (included in the scope of delivery). The slight inclination of the router tool prevents you from routing into the material surface.

Routing

Aluminium composite milling machine PF 1200

The professional for aluminium composite panels.

When fitting facades at trade fairs, it may occasionally be necessary to cut aluminium composite panels. Festool developed this specialist tool based on awareness and knowledge of tool requirements: The PF 1200 aluminium composite milling machine is extremely precise and manoeuvrable.

Dust extraction.
Efficient chip extraction with a 36 mm suction hose and a Festool mobile dust extractor.

Feeler roller brake.
Changing the feeler roller allows you to adjust the routing depth to suit different material thicknesses and a brake prevents excessive feeler roller speed.

Enclosed hood.
The hood on the milling machine is completely enclosed, allowing for maximum suction power.



Routing depth setting.
Different routing depths can be set quickly and easily via the turret stop on the PF 1200.

Guide rail.
For precise results: the guide slot of the PF 1200 fits perfectly on the Festool guide rail - without requiring an adapter.

Routing cut indicator.
The PF 1200 has a routing cut indicator, which reliably marks the centre of the routing cut, guaranteeing accurate working results.

The PF 1200 aluminium composite milling machine is the perfect solution for anyone working regularly with aluminium composite panels. It makes groove cutting really easy, even on building sites. Precise, neat and quick - a faultless V-groove is produced on the guide rail thanks to the proven Festool plunge-cut principle and guide rail system.



Maximum chip extraction with a 36 mm suction hose and a Festool mobile dust extractor.



The technology of the PF 1200 makes it ideal for routing the edge of many different materials, for example Dibond or Alucobond.

You can download the brochure for the PF 1200 from www.festool.com.au



Blade cutters and feeler rollers can be replaced allowing you to adapt the PF 1200 to different material thicknesses.

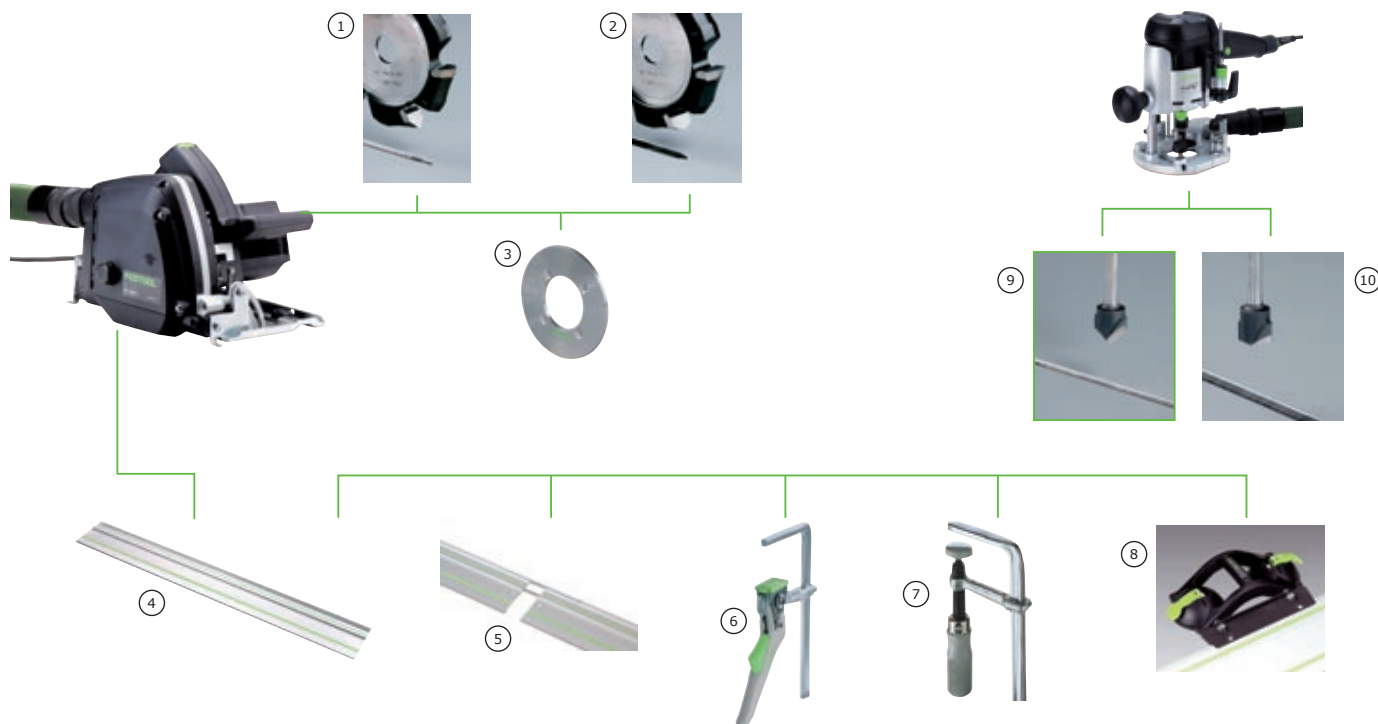


The feeler roller ensures precise routing depths. The router can only plunge into the material as far as the feeler roller allows.

| Aluminium composite milling machine PF 1200 – The different options E = with electronics S = with Systainer | | | | |
|---|---|---|---|-----------|
| Model | E | S | Equipment/Scope of delivery | Order no. |
| PF 1200 E-Plus Dibond | ● | ● | 90° V-groove cutter, feeler roller D3, alignment gauge for guide rail, operating tool (guide rail not included) | 574249 |
| PF 1200 E-Plus Alucobond | ● | ● | 90° V-groove cutter, feeler roller A4, alignment gauge for guide rail, operating tool (guide rail not included) | 574248 |

Routing Accessories

System overview and accessories

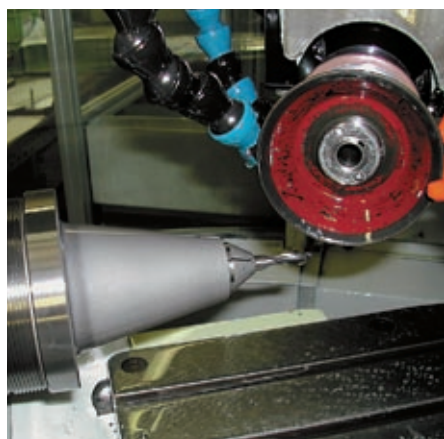


Accessories for the aluminium composite milling machine PF 1200

| Product | Explanation | Order no. |
|--|---|---------------|
| ① V-groove cutter HW HW 118x14-90°/aluminium | D 118 mm, angle 90 ° | 491470 |
| ② V-groove cutter HW HW 118x18-135°/aluminium | D 118 mm, angle 135 ° | 491471 |
| ③ Feeler roller for Dibond D2 milling machine | Panel thickness 2 mm | 491542 |
| Feeler roller for Dibond D3 milling machine | Panel thickness 3 mm | 491543 |
| Feeler roller for Dibond D4 milling machine | Panel thickness 4 mm | 491544 |
| Feeler roller for Dibond D6 milling machine | Panel thickness 6 mm | 491545 |
| Feeler roller for Alucobond A3 milling machine | Panel thickness 3 mm | 491538 |
| Feeler roller for Alucobond A4 milling machine | Panel thickness 4 mm | 491539 |
| Feeler roller for Alucobond A6 milling machine | Panel thickness 6 mm | 491540 |
| Feeler roller for Alucobond A8 milling machine | Panel thickness 8 mm | 491541 |
| ④ Guide rail | See "Guide system" section, from page 266 | |
| ⑤ Connector FSV | Connects two guide rails for longer workpieces, qty. in pack: 1 | 482107 |
| ⑥ Lever clamp FS-HZ 160 | Polished steel version, clamping range: 160 mm, qty. in pack: 1 | 491594 |
| ⑦ Clamps FSZ 120 | Polished steel version, clamping range: 120 mm, qty. in pack: 2 | 489570 |
| Clamps FSZ 300 | Polished steel version, clamping range: 300 mm, qty. in pack: 2 | 489571 |
| ⑧ Dual suction pad GECKO DOSH | See "Guide system" section, page 273 | |
| ⑨ V-groove cutter HW, 8 mm shank HW S8 D18-90° (aluminium) | D 18 mm, NL 8 mm, GL 59 mm, angle 90 °, for routers | 491444 |
| ⑩ V-groove cutter HW, 8 mm shank HW S8 D18-135° (aluminium) | D 18 mm, NL 3.3 mm, GL 59 mm, angle 135 °, for routers | 491443 |



The final polish.

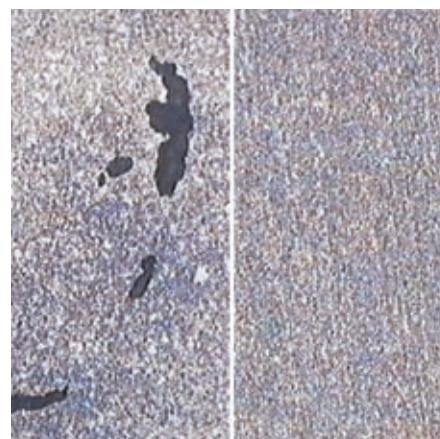


Ultra-modern production machines guarantee a perfect polishing finish



Continuous production monitoring and checks guarantee consistent high quality.

High grain density.



Non-homogenous surface with a coarse surface structure.

Homogeneous surface in Festool's micro-grain quality.

Always one step ahead.

Festool routers are high-quality, state-of-the-art products developed for practical applications and tested, monitored and checked under the most rigorous conditions. Our new mineral material cutters, for example, leave nothing to be desired: they are the result of customer-oriented ideas and comprehensive testing, paving the way for new working applications and a larger customer base.

Quality begins with the selection of high-quality raw materials.


Top-quality steel and extremely wear-resistant tungsten carbide. Induction brazing ensures durable solder joints and a long service life. No matter which routing method you require for your application, the grinding centre with CNC-control produces extremely sharp cutters.

Top quality really begins with the cutter material.

Festool uses tungsten-carbide alloys for its cutters, which impress with their superb micro-grain quality and density. Tungsten-carbide powder and a cobalt bonding material are fused by extreme heat and pressure. In contrast to a coarse grain structure, the dense material has a long service life and good cutting quality. Comparisons reveal the difference.

Dimensions at a glance:

To achieve a perfect routing pattern, the cutter should be clamped directly above the cutter head, or at least up to the marking on the drive shaft.

- GL** : Total length
- NL** : Working length
- ø D** : Cutter diameter
- s** : Shank diameter in mm
- V** : Marking for minimum clamping length
-  : n max. = maximum router speed
- R** : Radius in mm
- F_α** : Chamfering angle in °

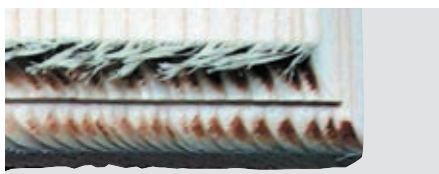


For your safety.

With Festool you are always on the safe side: only the routers conforming with EU guidelines for woodworking machines bear the MAN mark after successful testing. As a tested power tool for manual guiding they have the following features:

- Mainly circular shape
- Kickback-resistant with a limited max. routing depth of 1.1 mm
- Limited chip-clearance width ,S'

What counts in practice is the result. Flawless surfaces and perfect profiles. A clean cut avoids time-consuming finishing work. Perfect cutting geometry and the right polishing finish ensure excellent surface quality.



Routing pattern with burnt edging

Cutter materials.

HW

HW cutters (formerly HM cutters) also withstand tremendous loads when cutting hard wood, laminated materials and plastics.

Different versions of HW cutter are available: solid tungsten-carbide cutters, carbide-tipped cutters and cutters with reversible carbide blades.

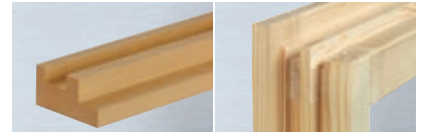
HS

The cutter material HS (formerly HSS) is particularly suitable for soft materials such as pine and deal. HS cutters are available with a straight or spiral-shaped blade.

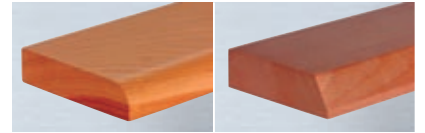


Clean routing pattern

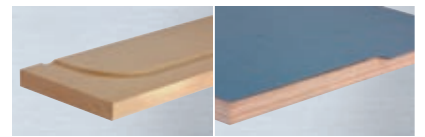
Groove and stepped cutters p. 123



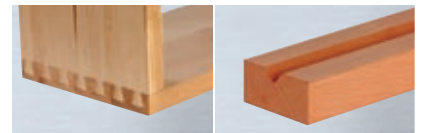
Chamfer ogee cutters, chamfer cutters, flute cutters p. 125



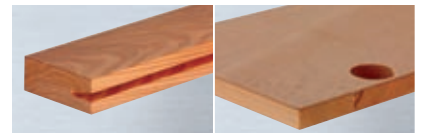
Round nose, edge trimming and rebating cutters p. 127



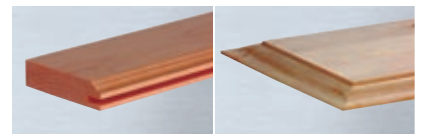
VS 600, handle, mitre tongue and groove, script, V-groove and plasterboard V-groove cutters p. 129



Slot cutting blades, laminate cutters, dowel drills, facing cutters p. 131



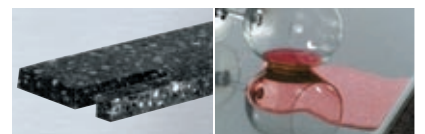
Counterprofile cutters, smoothing cutters, facing cutters p. 133



OFK 700 / 500 aluminium cutters p. 135

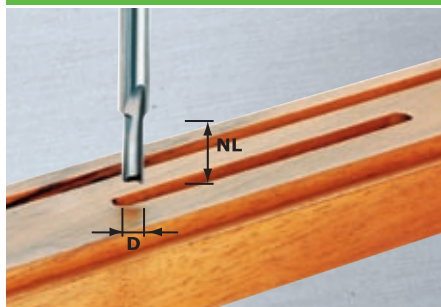


Special cutters for mineral materials p. 137



Groove cutters

Solid tungsten-carbide groove cutter with standard bit

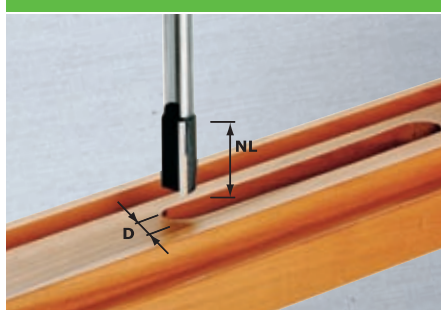


| HW | | s = 8 | | | |
|----|----|-------|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 3 | 6 | 45 | | | 490952 |
| 4 | 10 | 45 | | | 490953 |
| 5 | 12 | 45 | | | 490954 |
| 6 | 14 | 55 | | | 490955 |
| 7 | 17 | 55 | | | 490956 |
| 8 | 20 | 55 | | | 490957 |
| 8 | 30 | 60 | | | 491647 |

No compromises.

This solid tungsten-carbide cutter is a heavy-duty tool. The ground tungsten-carbide standard bit also has a longer service life if used for drilling board-type material.

Groove cutter with standard bit

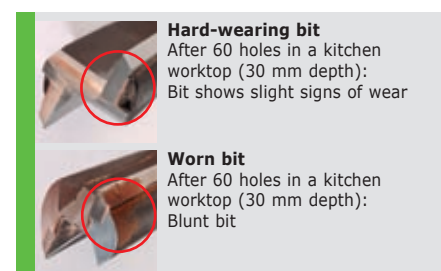


| HW | | s = 8 | | | |
|-----|----|-------|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 9 | 23 | 55 | | | 490958 |
| 10 | 20 | 60 | | | 490959 |
| 10* | 25 | 60 | | | 490960 |
| 10 | 30 | 60 | | | 491648 |
| 11 | 20 | 60 | | | 490961 |
| 12 | 20 | 60 | | | 490962 |
| 12 | 30 | 60 | | | 491649 |
| 13 | 20 | 60 | | | 490963 |
| 14 | 20 | 60 | | | 490964 |
| 15 | 20 | 60 | | | 490965 |
| 16 | 20 | 60 | | | 490966 |
| 16 | 30 | 65 | | | 490967 |
| 18 | 20 | 60 | | | 490968 |
| 18 | 30 | 65 | | | 490969 |
| 19 | 20 | 60 | | | 490970 |
| 20 | 20 | 60 | | | 490971 |
| 20 | 30 | 65 | | | 490972 |
| 22 | 20 | 60 | | | 490973 |
| 24 | 20 | 60 | | | 490974 |
| 25 | 20 | 60 | | | 490975 |
| 30 | 20 | 60 | | | 490976 |

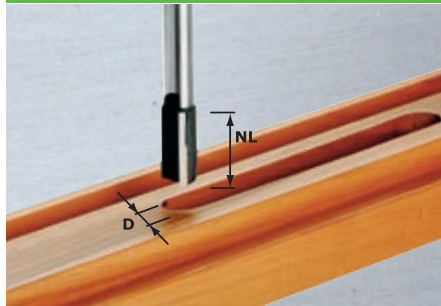
* for slot jointing using Festool VS 600, with fine precision in diameter

For good reason.

If you wish to achieve quality cutting results with ease when drilling, grooving, rebating and long-hole routing, you are best advised to use the HW groove cutter. The cutter is equipped with an integral HW bit. It cuts precisely, makes drilling easier and has a long service life.

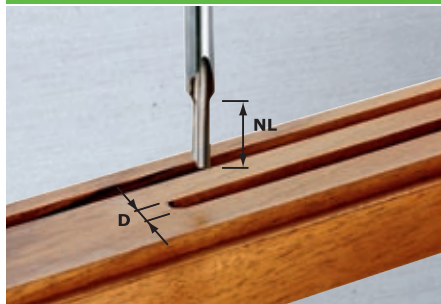


Groove cutter with standard bit



| HW | | s = 12 | | | |
|----|----|--------|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 10 | 35 | 90 | | | 491086 |
| 12 | 40 | 90 | | | 491087 |
| 14 | 40 | 85 | | | 491088 |
| 14 | 50 | 100 | | | 491089 |
| 16 | 45 | 90 | | | 491090 |
| 16 | 60 | 100 | | | 491091 |
| 18 | 45 | 90 | | | 491092 |
| 20 | 45 | 90 | | | 491093 |
| 22 | 45 | 90 | | | 491094 |
| 24 | 45 | 90 | | | 491095 |
| 30 | 35 | 90 | | | 491096 |

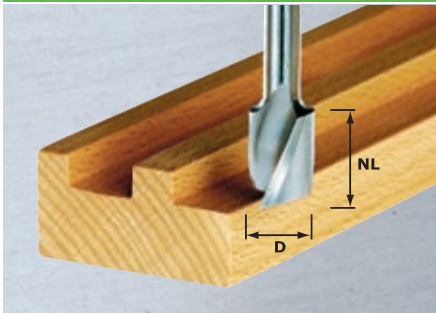
Groove cutter



| HS | | s = 8 | | | |
|----|----|-------|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 3 | 8 | 45 | | | 490941 |
| 4 | 15 | 48 | | | 490942 |
| 5 | 12 | 50 | | | 490943 |

Routing Cutters

Spiral groove cutter



| HS | | | | | | s = 8 |
|-----|----|----|---|----------------|-----------|-------|
| ØD | NL | GL | R | F _α | Order no. | |
| 6* | 16 | 50 | | | 490944 | |
| 8 | 19 | 50 | | | 490945 | |
| 10* | 30 | 60 | | | 490946 | |
| 12 | 20 | 52 | | | 490947 | |
| 14 | 20 | 52 | | | 490948 | |
| 16 | 20 | 52 | | | 490949 | |
| 18 | 25 | 57 | | | 490950 | |
| 20 | 25 | 57 | | | 490951 | |

| HW | | | | | | s = 8 |
|-----|----|----|---|----------------|-----------|-------|
| ØD | NL | GL | R | F _α | Order no. | |
| 4 | 10 | 45 | | | 490977 | |
| 6* | 16 | 50 | | | 490978 | |
| 8 | 25 | 55 | | | 490979 | |
| 10* | 30 | 60 | | | 490980 | |

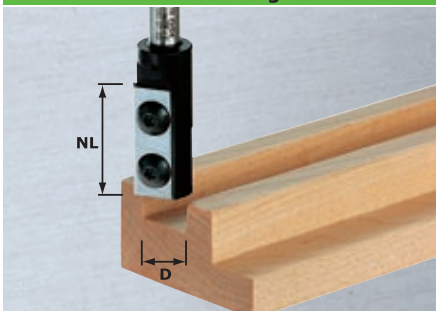
* for slot jointing using Festool VS 600, with fine precision in diameter

Multi-talented.

The HS spiral groove cutter and the HW solid carbide spiral groove cutter. Fast rate of advance for grooving, rebating, long-hole cutting, drilling and copy routing. They operate quickly, powerfully and extremely cleanly and are pleasantly quiet. The chips are drawn upwards through the spiral cutter and extracted from there. The routed groove remains permanently clean.



Reversible blade rebating cutter



| HW | | | | | | s = 8 |
|----|----|----|---|----------------|-----------|-------|
| ØD | NL | GL | R | F _α | Order no. | |
| 8 | 20 | 50 | | | 491078 | |
| 10 | 25 | 55 | | | 491079 | |
| 12 | 30 | 61 | | | 491080 | |
| 14 | 30 | 66 | | | 492715 | |
| 16 | 30 | 70 | | | 492716 | |
| 18 | 30 | 70 | | | 492717 | |

| | | | |
|--------------------------|--------|--------|--------|
| Replacement blade | dia. 8 | 20x4.1 | 491386 |
| VE 4 pcs. | dia.10 | 25x5.5 | 491387 |
| | dia.12 | 30x5.5 | 491388 |
| | dia.14 | 30x5.5 | 491388 |
| Pre-cutting blade | dia.16 | 7.6x12 | 491390 |
| VE 4 pcs. | dia.18 | 7.6x12 | 491390 |
| Main blade | dia.16 | 30x12 | 491393 |
| VE 4 pcs. | dia.18 | 30x12 | 491393 |

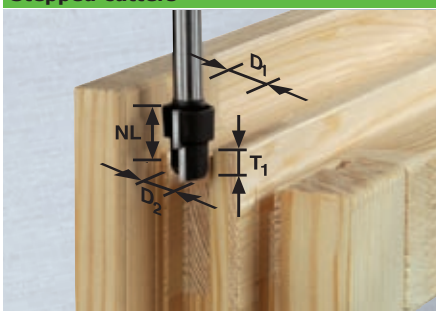
Its efficiency speaks for itself.

The HW reversible blade cutters have the following excellent properties:

- The reversible blades ensure continual routing precision and consistent dimensions
- No sharpening, minimal downtimes
- Faster blade changes ensure sharp routing tools at all times
- Extremely economical because the reversible blade can be turned around.

Stepped cutters

Stepped cutters



| HW | | | | | | s = 12 |
|------|------|-----|----|----------------|-----------|--------|
| ØD1 | ØD2 | T1 | NL | F _α | Order no. | |
| 16,3 | 12,3 | 9,3 | 16 | | 492713 | |
| 20,3 | 12,3 | 6 | 16 | | 492714 | |

Two ideal partners.

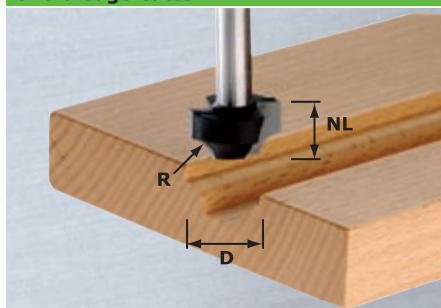
The stepped cutter and the Festool routing aid can be used to rout windows and house doors quickly and precisely, making sure they do not tilt or wobble.



VE = packaging unit

Rounding, chamfering and fluting

Ovolo edge cutter

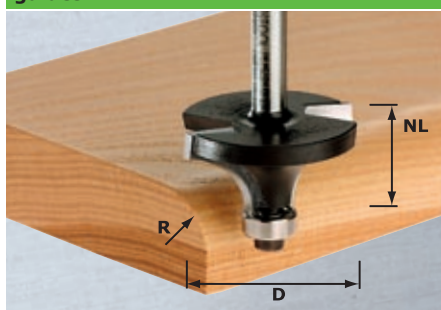


| HW | s = 8 | | | | |
|----|-------|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 17 | 10 | 40 | 3 | | 491004 |
| 19 | 11 | 41 | 4 | | 491005 |
| 21 | 12 | 42 | 5 | | 491006 |
| 23 | 13 | 45 | 6 | | 491007 |
| 27 | 15 | 45 | 8 | | 491008 |

Ovolo edge cutter with standard bit.

For decorative fronts using imitation panelling. It is possible to plunge-cut centrally into the front of the furniture and cut imitation panelling using the standard bit.

Chamfer ogee cutter with 2 ball bearing guides



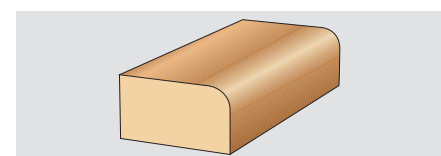
| HW | s = 8 | | | | |
|------|-------|----|------|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 16.7 | 9 | 49 | 2 | | 491009 |
| 18.7 | 10 | 50 | 3 | | 491010* |
| 20.7 | 11 | 51 | 4 | | 491011* |
| 22.7 | 12 | 52 | 5 | | 491012* |
| 25.5 | 13,5 | 54 | 6.35 | | 491013* |
| 28.7 | 15 | 55 | 8 | | 491014* |
| 31.7 | 16,5 | 56 | 9.5 | | 491015* |
| 38.1 | 19 | 59 | 12.7 | | 491016* |
| 42.7 | 22 | 62 | 15 | | 491017* |

| HW | s = 12 | | | | |
|----|--------|----|----|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 43 | 22 | 72 | 15 | | 491106 |
| 63 | 32 | 82 | 25 | | 491107 |

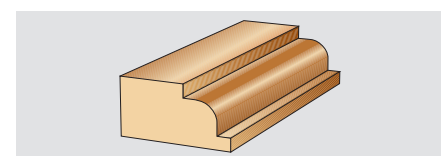
| Repl. b/bg guide | dia. 12.7 | 491383 |
|------------------|-----------|--------|
| VE 2 pcs. | dia. 9.5 | 491382 |

* Ball bearing guide, dia. 12.7 mm and ball bearing guide, dia. 9.5 mm included

One tool – two uses.

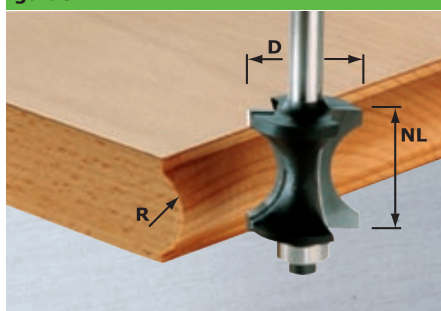


With ball bearing guide dia. 12.7 mm for rounding



With ball bearing guide dia. 9.5 mm for beading

Half-round cutter with ball bearing guide

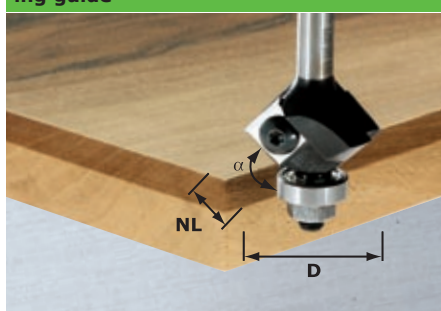


| HW | s = 8 | | | | |
|------------------|-----------|--------|----|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 27 | 30 | 70 | 12 | | 491139 |
| Repl. b/bg guide | dia. 12.7 | 491383 | | | |
| VE 2 pcs. | | | | | |

For the complete job.

For decorative board edging the HW half-round cutter does a great job. It has a routing height of 30 mm to suit laminated wood of the same thickness. Its ball bearing guide guides the router directly along the template and ensures that curved parts can also be profiled.

Turning plate slot cutter and ball bearing guide



| HW | s = 8 | | | | |
|--------------------|------------|--------|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 30.5 | 12 | 62 | | 45° | 491084 |
| Repl. b/bg guide | dia. 15.88 | 491384 | | | |
| VE 2 pcs. | | | | | |
| Replacement cutter | 12 x 12 | 491391 | | | |
| VE 4 pcs. | | | | | |

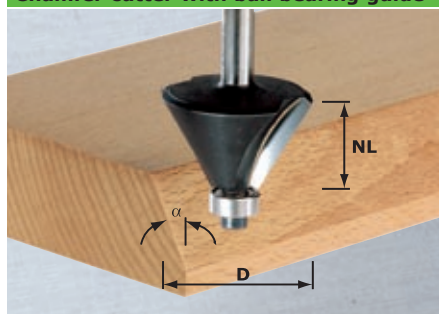
Precisely calculated.

The edge trimming cutter with HW reversible blades is the ideal tool if you attach great importance to a long service life, outstanding economic efficiency and constant precision. Purchase one reversible blade and you receive four cutter service lives. You thus save on follow-up costs because the cutter can be reversed.

VE = packaging unit

Routing Cutters

Chamfer cutter with ball bearing guide



| HW s = 8 | | | | | |
|--|------|------|------------|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 20 | 14 | 54 | | 10° | 491023 |
| Repl. b/bg guide | | | dia. 15.88 | | 491384 |
| VE 2 pcs. | | | | | |
| HW s = 8 | | | | | |
| ØD | NL | GL | R | F _α | Order no. |
| 25.7 | 25,1 | 70 | | 15° | 491132 |
| 24 | 10 | 50 | | 30° | 491024 |
| 38.5 | 23 | 64.5 | | 30° | 491133 |
| 36 | 11,5 | 53 | | 45° | 491025 |
| HW s = 12 | | | | | |
| ØD | NL | GL | R | F _α | Order no. |
| 44 | 30 | 80 | | 30° | 491101 |
| 55 | 26 | 76 | | 45° | 491102 |
| Repl. b/bg guide | | | dia. 12.7 | | 491383 |
| VE 2 pcs. | | | | | |

An unbeatable team.

With these shank cutters, you can also produce this familiar edge shape – commonly found in industry – with a portable router. Here the chamfer cutter and classic ogee cutter with conical ball bearing guide work together perfectly.



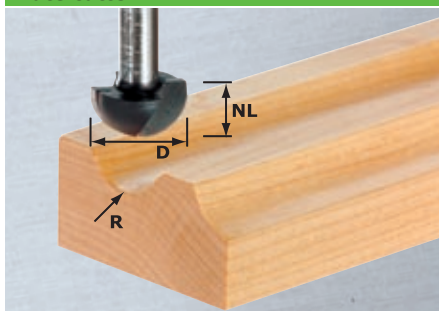
Classic ogee cutter with ball bearing guide



| HW s = 8 | | | | | |
|---|------|------|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 24 | 19 | 61.5 | 6 | 15° | 491134 |
| 24 | 19 | 60.5 | 6 | 30° | 491135 |
| 24 | 18.5 | 60.5 | 6 | 45° | 491136 |
| Repl. b/bg guide | | | | 15° | 491403 |
| VE 2 pcs. | | | | 30° | 491404 |
| | | | | 45° | 491405 |



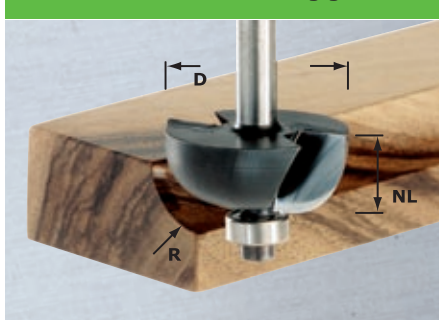
Flute cutter



| HW s = 8 | | | | | |
|---|----|----|------|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 8 | 8 | 38 | 4 | | 490983 |
| 12.7 | 10 | 40 | 6.35 | | 490984 |
| 16 | 11 | 41 | 8 | | 490985 |
| 19.4 | 11 | 41 | 9.7 | | 490986 |
| 25.4 | 14 | 44 | 12.7 | | 490987 |

| HW s = 12 | | | | | |
|--|----|----|------|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 25.4 | 18 | 58 | 12.7 | | 491103 |
| 30 | 20 | 60 | 15 | | 491104 |
| 40 | 25 | 65 | 20 | | 491105 |

Flute cutter with ball bearing guide



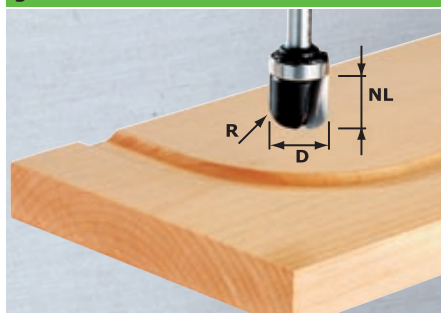
| HW s = 8 | | | | | |
|---|------|----|-----------|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 25.5 | 12.7 | 54 | 6.35 | | 491018 |
| 28.8 | 14 | 56 | 8 | | 491019 |
| 31.7 | 14.3 | 56 | 9.5 | | 491020 |
| 38.1 | 16 | 57 | 12.7 | | 491021 |
| Repl. b/bg guide | | | dia. 12.7 | | 491383 |
| VE 2 pcs. | | | | | |



VE = packaging unit

Round nose, edge trimming and rebating cutters

Round nose cutter with ball bearing guide

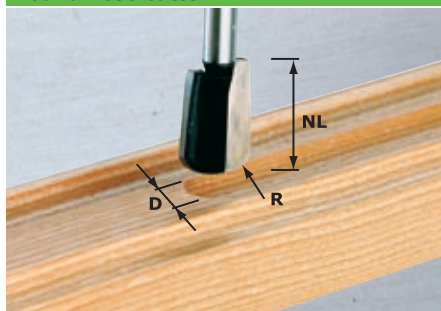


| HW | s = 8 | | | | |
|-------------------------|-------|----|---------|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 19 | 16 | 53 | 6,4 | | 490982 |
| Repl. b/bg guide | | | dia. 19 | | 491396 |
| VE 2 pcs. | | | | | |

Particularly suitable for routing water channels.

This cutter can produce curved or round water channels 1:1 without any problem using a template. Time-consuming calculation of curves and distances is no longer necessary.

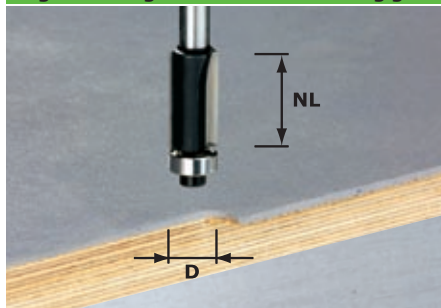
Round nose cutter



| HW | s = 8 | | | | |
|----|-------|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 16 | 25 | 65 | 5 | | 490981 |



Edge trimming cutter with ball bearing guide



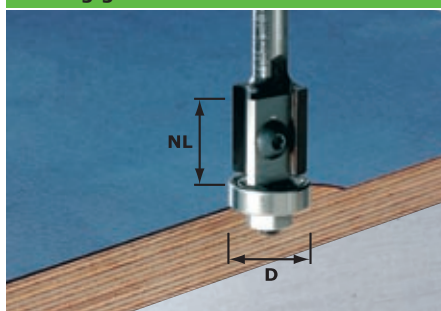
| HW | s = 8 | | | | |
|-------------------------|-------|----|-----------------------------|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 12.7 | 25 | 65 | | 0° | 491027 |
| 19 | 25 | | | 0° | 491028 |
| Repl. b/bg guide | | | dia. 12.7 | | 491383 |
| VE 2 pcs. | | | | | |
| Repl. b/bg guide | | | dia. 19 | | 491396 |
| VE 2 pcs. | | | | | |
| dia. D 12.7 | | | = bottom ball bearing guide | | |
| dia. D 19 | | | = top ball bearing guide | | |

Through thick and thin.

The HW template router is the ideal tool for simple 1:1 copy routing thanks to its large ball bearing guide.



Turning plate slot cutter and ball bearing guide



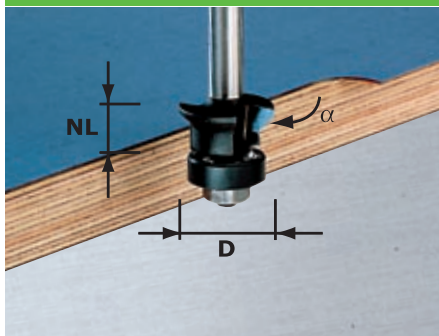
| HW | s = 8 | | | | |
|---------------------------|-------|----|---------|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 19 | 20 | 64 | | 0° | 491082 |
| Repl. b/bg guide | | | dia. 19 | | 491385 |
| VE 2 pcs. | | | | | |
| Replacement cutter | | | 20x12 | | 491392 |
| VE 4 pcs. | | | | | |

Precision – even after sharpening.

When sharpening blunt edges on conventional cutters, the diameter aligned to the ball bearing guide normally decreases. This causes a ridge to form when edges are trimmed flush after the bit is sharpened. The turning plate slot cutter and ball bearing guide maintain a high level of precision.

Routing Cutters

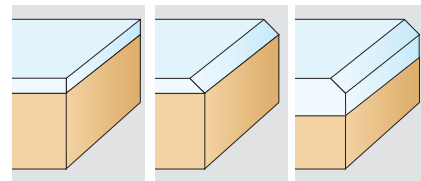
Edge trimming chamfer cutter with ball bearing guide



| HW s = 8 | | | | | |
|---|----|----|---------|-------|-----------|
| ØD | NL | GL | R | Fα | Order no. |
| 24 | 11 | 54 | | 0/45° | 491026 |
| Repl. b/bg guide | | | dia. 18 | | 491400 |
| VE 2 pcs. | | | | | |

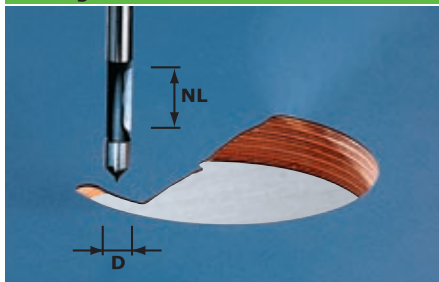
One tool – three uses.

Flush trimming of protruding coatings at a right angle, with a 45° chamfer or even both in one working process. The edge trimming chamfer cutter will always produce clean connecting edges. The plastic-coated ball bearing guide does not leave any marks and protects the edge of the workpiece.



Flush Chamfer Flush + chamfer

Drilling cutter

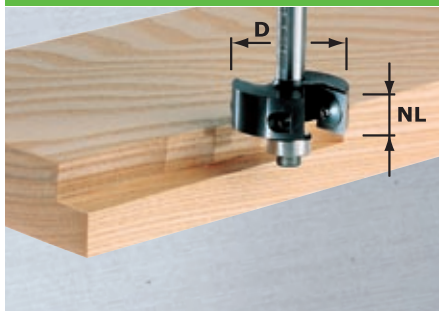


| HW s = 8 | | | | | |
|---|----|----|---|----|-----------|
| ØD | NL | GL | R | Fα | Order no. |
| 8 | 19 | 65 | | | 491037 |

Plunge cut - finished.

The drilling cutter plunges directly into the laminate without requiring pre-drilling and trims the prepared contour flush when guided along the side face.

Reversible blade rebating cutter set with 5 ball bearing guides



| HW s = 8 | | | | | |
|---|----|------|-------|----|-----------|
| ØD | NL | GL | R | Fα | Order no. |
| 38 | 12 | 53.7 | | | 491085 |
| Replacement blade | | | 12x12 | | 491391 |
| Replacement ball bearing guide set | | | | | 491406 |
| 1x dia. 9.5 / 1x dia. 12.7 / | | | | | |
| 1x dia. 16 / 1x dia. 19 / | | | | | |
| 1x dia. 22 | | | | | |

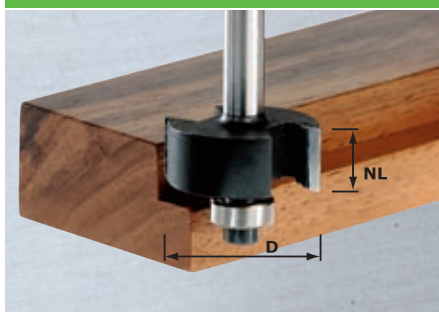
Amazingly versatile.

When it comes to rebating, the HW reversible blade rebating cutter is amazingly versatile: 5 different rebate depths with only one basic bit (by changing the ball bearing guide).

Rebate depths for reversible blade rebating cutter (with ball bearing guide)

| Rebate depth (mm) | B/bg guide dia.(mm) |
|-------------------|---------------------|
| 14,6 | 9,5 |
| 12,6 | 12,7 |
| 11 | 16 |
| 9,5 | 19 |
| 8,0 | 22 |

Rebating cutter with ball bearing guide dia. 12.7 mm



| HW s = 8 | | | | | |
|---|------|----|-----------|----|-----------|
| ØD | NL | GL | R | Fα | Order no. |
| 31.7 | 12.7 | 54 | | | 491022 |
| Repl. b/bg guide | | | dia. 12.7 | | 491383 |
| VE 2 pcs. | | | | | |
| Replacement ball bearing guide set | | | | | 491406 |
| 1x dia. 9.5 / 1x dia. 12.7 / | | | | | |
| 1x dia. 16 / 1x dia. 19 / | | | | | |
| 1x dia. 22 | | | | | |

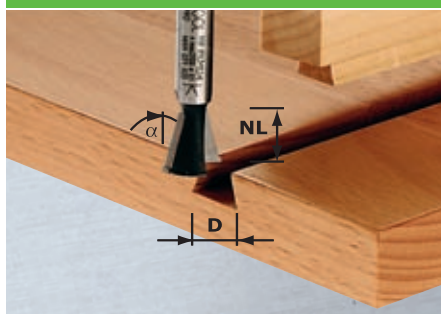
Rebate depths for HW rebating cutter (w. b/bg guide)

| Rebate depth (mm) | B/bg guide dia.(mm) |
|-------------------|---------------------|
| 11 | 9,5 |
| 9,5 | 12,7 |
| 7,9 | 16 |
| 6,35 | 19 |
| 4,9 | 22 |

VE = packaging unit

Cutters for VS 600

Dovetail cutter with slits

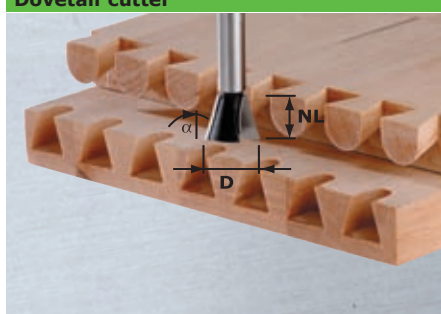


| HW s = 8 | | | | | |
|----------|------|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 14.3 | 13.5 | 46 | | 15° | 490990 |
| HS s = 8 | | | | | |
| ØD | NL | GL | R | F _α | Order no. |
| 14.3 | 13.5 | 46 | | 15° | 490988 |

Good jointing.

Perhaps the most useful application for the dovetail cutter is dovetail jointing. It is possible to produce traditional open and hidden dovetail joints in no time at all using the matching router, template and router tool system.

Dovetail cutter



| HW s = 8 | | | | | |
|--------------------|------|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 14.3 ¹⁾ | 13.5 | 46 | | 15° | 490992 |
| 16 | 13.5 | 46 | | 15° | 490993 |
| 20 ¹⁾ | 17 | 49 | | 15° | 490996 |
| HS s = 8 | | | | | |
| ØD | NL | GL | R | F _α | Order no. |
| 14.3 ¹⁾ | 13.5 | 46 | | 15° | 490991 |
| 20 ¹⁾ | 17 | 49 | | 15° | 490995 |
| HW s = 12 | | | | | |
| ØD | NL | GL | R | F _α | Order no. |
| 16 | 12 | 55 | | 15° | 491097 |
| HS s = 12 | | | | | |
| ØD | NL | GL | R | F _α | Order no. |
| 20 | 14 | 57 | | 15° | 491098 |
| 24 | 15 | 58 | | 15° | 491099 |
| 30 | 18 | 60 | | 15° | 491100 |
| HW s = 8 | | | | | |
| ØD | NL | GL | R | F _α | Order no. |
| 14.3 ²⁾ | 16 | 50 | | 10° | 491164 |
| 20 ²⁾ | 26 | 58 | | 10° | 491165 |

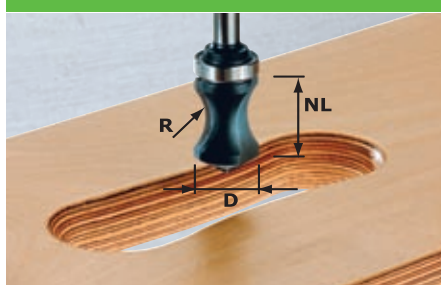
¹⁾ for dovetail joints using Festool VS 600

²⁾ for open dovetail joints using Festool VS 600



Hand hole cutter

Hand hole cutter with ball bearing guide

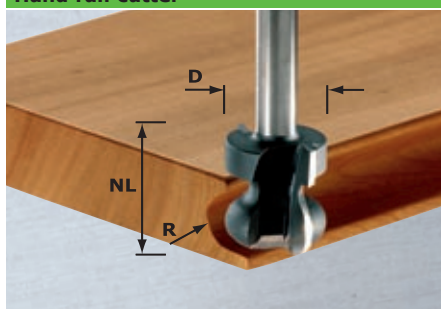


| HW s = 8 | | | | | |
|------------------|----|----|---------|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 19 | 13 | 68 | 16 | | 491033 |
| Repl. b/bg guide | | | dia. 19 | | 491396 |
| VE 2 pcs. | | | | | |

Concealed grip.

The concealed grip is an elegant alternative to visible fittings, which may spoil the overall appearance of a workpiece. This cutter gives the designer another option.

Hand rail cutter



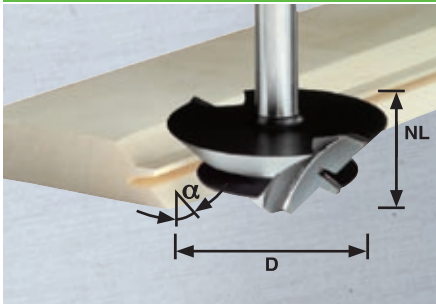
| HW s = 8 | | | | | |
|----------|----|----|-------|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 22 | 16 | 69 | 2.5/6 | | 491140 |

VE = packaging unit



Mitre tongue-&-groove cutters, script cutters, V-groove cutters, plasterboard V-groove cutter

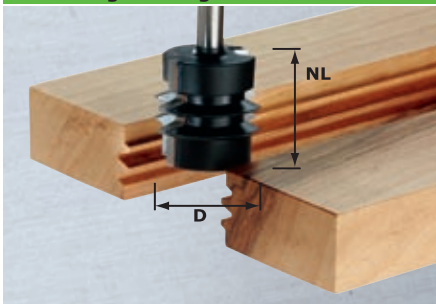
Mitre tongue and groove cutter



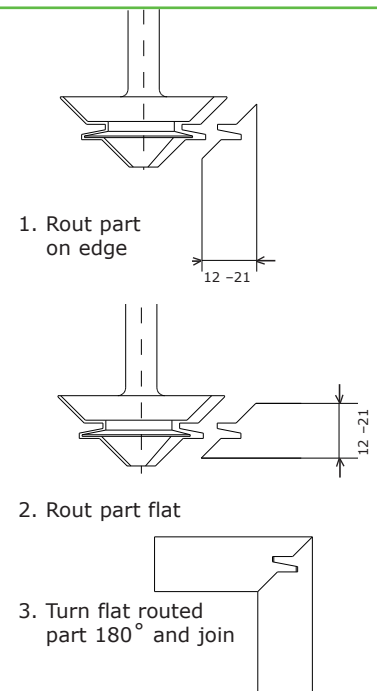
| HW s = 8 | | | | | |
|---|----|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 64 | 27 | 67 | | 45° | 492709 |

⚠ n max. 22,000

Mitre tongue and groove cutter



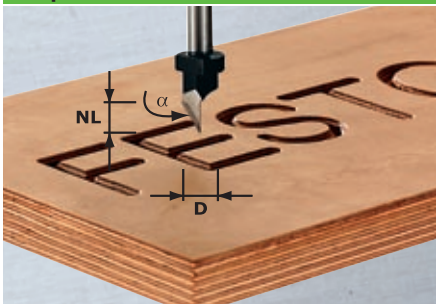
| HW s = 8 | | | | | |
|---|----|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 34 | 32 | 62 | | | 491034 |



Greater stability.

Tongue and groove cutters can cut surfaces or mitres reliably and without lateral shifting. The toothing ensures high stability.

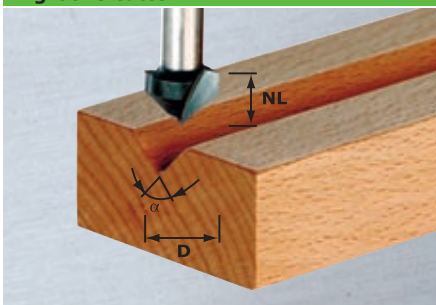
Script cutter



| HW s = 8 | | | | | |
|---|-----|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 11 | 9.5 | 55 | | 60° | 491003 |

| HS s = 8 | | | | | |
|---|-----|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 11 | 9.5 | 55 | | 60° | 491002 |

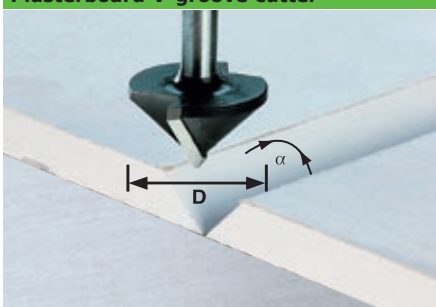
V-groove cutter



| HW s = 8 | | | | | |
|---|----|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 14 | 7 | 50 | | 90° | 490999 |

| HS s = 8 | | | | | |
|---|-----|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 11 | 9.5 | 50 | | 60° | 490997 |
| 14 | 7 | 50 | | 90° | 490998 |

Plasterboard V-groove cutter



| HW s = 8 | | | | | |
|---|----|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 12.5 | 14 | 55 | | 45° | 491000 |
| 32 | 16 | 49 | | 90° | 491001 |

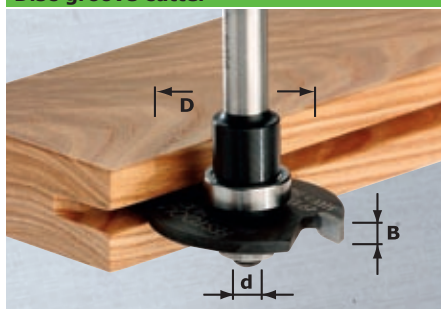
Routing and jointing instead of gluing and smoothing.

Impressive new ideas: A 45° cutter is now available in addition to the 90° plasterboard V-groove cutter. Now it is also possible to joint 45° corners with very little effort.



Disc groove cutter

Disc groove cutter



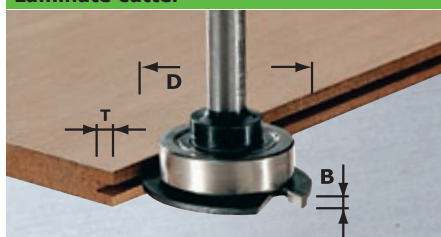
Cutter spindle

Not shown

Cutter spindle with ball bearing guide

See illustration on right

Laminate cutter



| HW | | | | | | s = 8 |
|----|-----|---|---|----------------|-----------|-------|
| ØD | B | d | R | F _α | Order no. | |
| 40 | 1.5 | 6 | | | 491038* | |
| 40 | 1.8 | 6 | | | 491039* | |
| 40 | 2 | 6 | | | 491040* | |
| 40 | 2.5 | 6 | | | 491056* | |
| 40 | 3 | 6 | | | 491057* | |
| 40 | 3.5 | 6 | | | 491058* | |
| 40 | 4 | 6 | | | 491059* | |
| 40 | 5 | 6 | | | 491060* | |

* without cutter spindle

| | | | | | | s = 8 |
|----|---|---|----|----------------|-----------|-------|
| ØD | B | d | GL | F _α | Order no. | |
| 16 | | 6 | 58 | | 491062 | |

| | | | | | | s = 8 |
|------------------|---|---|---------|----------------|-----------|-------|
| ØD | B | d | GL | F _α | Order no. | |
| 16 | | 6 | 58 | | 491061 | |
| 28 | | 6 | 53 | | 491557 | |
| Repl. b/bg guide | | | dia. 16 | | 485300 | |
| VE 2 pcs. | | | | | | |
| Repl. b/bg guide | | | dia. 28 | | 491397 | |
| VE 2 pcs. | | | | | | |

| HW | | | | | | s = 8 |
|--------------------------|-----|---|---------|----------------|-----------|-------|
| ØD | B | T | GL | F _α | Order no. | |
| 40 | 2.8 | 6 | 47,5 | | 491063 | |
| Repl. b/bg guide | | | dia. 28 | | 491397 | |
| VE 2 pcs. | | | | | | |
| Repl. slot cutting blade | | | | | 490421 | |

For sealed doors.

A cutter spindle with ball bearing guide D 28 and disc groove cutter with a width of 4 mm are ideal for routing door seals in door frames.



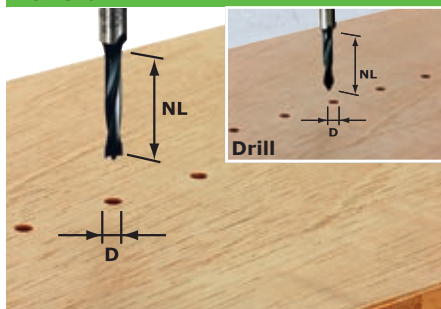
Hinge location bits and dowel drills

Hinge location cutter



| HW | | | | | | s = 8 |
|----|----|------|---|----------------|-----------|-------|
| ØD | NL | GL | R | F _α | Order no. | |
| 15 | | 54.5 | | | 491070 | |
| 18 | | 54.5 | | | 491071 | |
| 20 | | 54.5 | | | 491072 | |
| 22 | | 54.5 | | | 493263 | |
| 25 | | 54.5 | | | 491073 | |
| 26 | | 54.5 | | | 491074 | |
| 30 | | 54.5 | | | 491075 | |
| 34 | | 54.5 | | | 491076 | |
| 35 | | 54.5 | | | 491077 | |

Dowel drill



| HW | | | | | | s = 8 |
|----|-------|------|---|----------------|-----------|-------|
| ØD | NL | GL | R | F _α | Order no. | |
| 3 | 16 | 55 | | | 491065* | |
| 5 | 30 | 53.5 | | | 491066 | |
| 6 | 30 | 53.5 | | | 491067 | |
| 8 | 30 | 53.5 | | | 491068 | |
| 10 | 30 | 53.5 | | | 491069 | |
| HW | Drill | | | | | s = 8 |
| ØD | NL | B | R | F _α | Order no. | |
| 5 | 30 | 53.5 | | | 491064 | |

* without centre point
VE = packaging unit

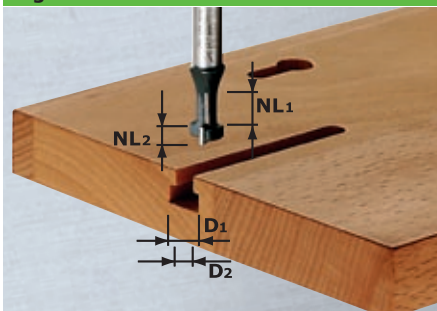
Accurate dimensioning with System 32.

The LR 32 hole series system makes routing a row of holes for shelves and false floors amazingly simple. The holes for hinge fittings are also cut accurately in-between with the System 32 grid.



T-groove cutter

T-groove cutter



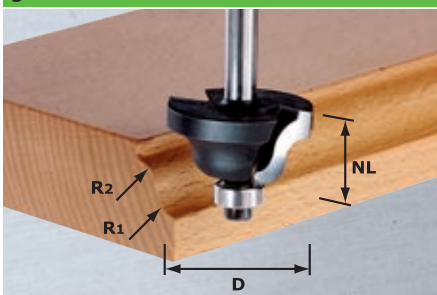
| HW | | s = 8 | | | |
|-----------------|-----------------|-----------------|-----------------|----------------|-----------|
| ØD ₁ | ØD ₂ | NL ₁ | NL ₂ | F _α | Order no. |
| 10.5 | 6 | 9 | 5 | | 491035 |

Excellent for special tasks.

For cutting T-grooves and shaped holes (keyholes) in solid wood and panel material.

Roman ogee and facing cutters

Roman ogee cutter with ball bearing guide

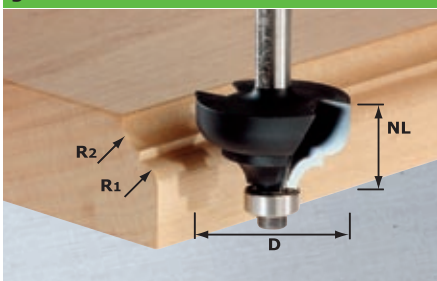


| HW | | s = 8 | | | |
|------------------|----|-------|-----------|------|-----------|
| ØD | NL | GL | R1 | R2 | Order no. |
| 31.7 | 13 | 53 | 4 | 4 | 491029 |
| 38.1 | 19 | 59 | 6.35 | 6.35 | 491030 |
| Repl. b/bg guide | | | dia. 12.7 | | 491383 |
| VE 2 pcs. | | | | | |

Your friend and helper.

The multifunction table MFT is indispensable for profiling workpieces on all four sides (from page 91). The workpiece is clamped securely and the router is guided perfectly along the guide rail. The support prevents tilting and you obtain a perfect cutting result.

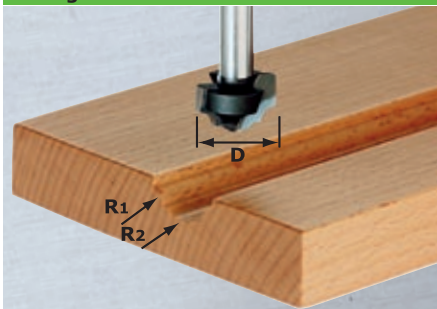
Multi profile cutter with ball bearing guide



| HW | s = 8 | | | | |
|------------------|-------|----|-----------|----|-----------|
| ØD | NL | GL | R1 | R2 | Order no. |
| 36.7 | 21 | 61 | 6 | 6 | 491031 |
| Repl. b/bg guide | | | dia. 12.7 | | 491383 |
| VE 2 pcs. | | | | | |



Facing cutter



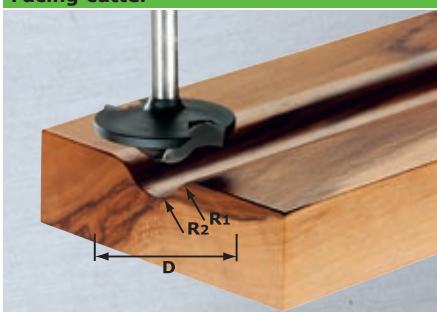
| HW | | s = 8 | | | |
|----|------|-------|----|----|-----------|
| ØD | NL | GL | R1 | R2 | Order no. |
| 19 | 12.5 | 54 | 5 | 4 | 491032 |

For the ambitious.

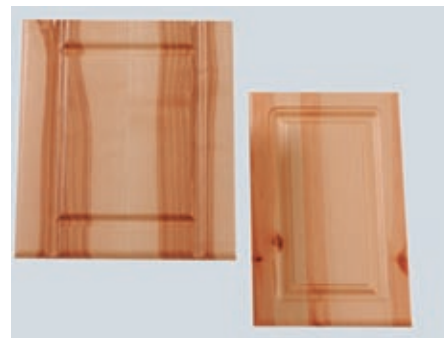
You can cut impressive panelling or bays using the facing cutter and the matching template.



Facing cutter

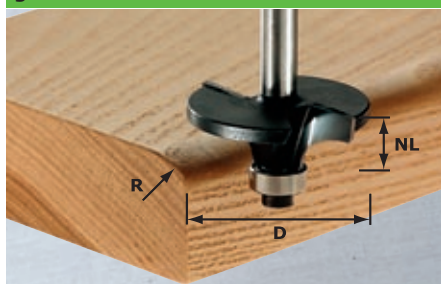


| HW | | s = 8 | | | |
|----|----|-------|----|----|-----------|
| ØD | NL | GL | R1 | R2 | Order no. |
| 42 | 13 | 50 | 6 | 12 | 491137 |



VE = packaging unit

Profile radius cutter with ball bearing guide



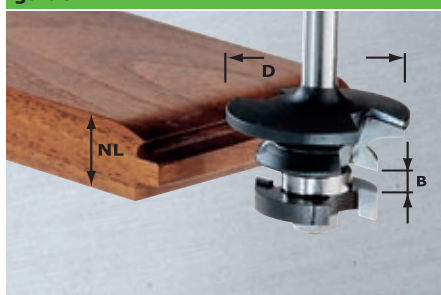
| HW | s = 8 | | | | |
|------------------|-------|----|-----------|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 42 | 14 | 54 | 6 | | 491131 |
| Repl. b/bg guide | | | dia. 12.7 | | 491383 |
| VE 2 pcs. | | | | | |

Simple and exact.

It could not be easier. This new facing cutter with its long-drawn radius is the ideal power tool for rounding furniture fronts, tabletops, benches or chairs. Curved and round parts can also be rounded easily with this tool.

Counterprofile and facing cutters

Counterprofile cutter with ball bearing guide



| HW | s = 8 | | | | |
|------------------|-------|---|------------|----------------|-----------|
| ØD | NL | B | R | F _α | Order no. |
| 43 | 21 | 5 | | | 491130 |
| Repl. b/bg guide | | | dia. 15.88 | | 491384 |
| VE 2 pcs. | | | | | |

Framed doors with counterprofile and panelling.

Festool offers sets of coordinated tools for these demanding applications. Adjusting the cutting rings is simple, thanks to the ball bearing guide. No matter whether you wish to produce the traditional profiles or simply plain, modern forms – with these tools you will succeed in creating impressive results.

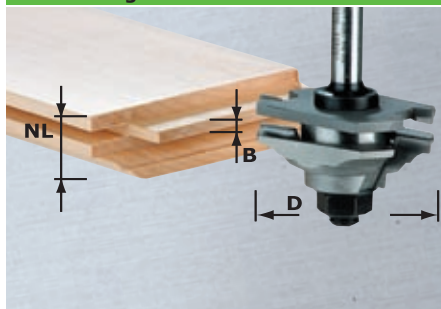
Counterprofile groove cutter with ball bearing guide



| HW | s = 8 | | | | |
|------------------|-------|---|------------|----------------|-----------|
| ØD | NL | B | R | F _α | Order no. |
| 43 | 21 | 5 | | | 491129 |
| Repl. b/bg guide | | | dia. 15.88 | | 491384 |
| VE 2 pcs. | | | | | |



Profile tongue cutter

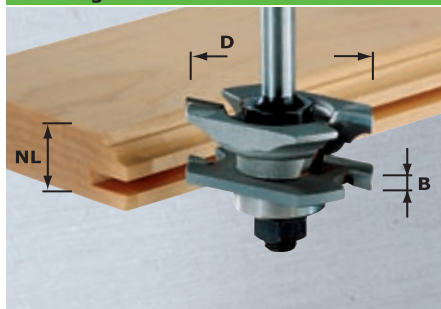


| HW | s = 8 | | | | |
|----|--------|---|----|----------------|-----------|
| ØD | NL | B | R | F _α | Order no. |
| 46 | 20 | 4 | 22 | | 490643 |
| HW | s = 12 | | | | |
| ØD | NL | B | R | F _α | Order no. |
| 46 | 20 | 4 | 22 | | 490132 |

Classic furniture fronts.

You can cut classic framed doors in differing styles using these tool sets. With double-edged carbide tools you can obtain a clean, even cut.

Profile groove cutter



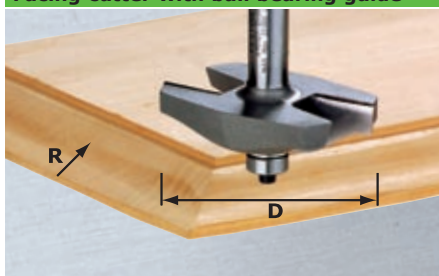
| HW | s = 8 | | | | |
|----|--------|---|----|----------------|-----------|
| ØD | NL | B | R | F _α | Order no. |
| 46 | 20 | 4 | 22 | | 490645 |
| HW | s = 12 | | | | |
| ØD | NL | B | R | F _α | Order no. |
| 46 | 20 | 4 | 22 | | 490129 |



VE = packaging unit

Routing Cutters

Facing cutter with ball bearing guide

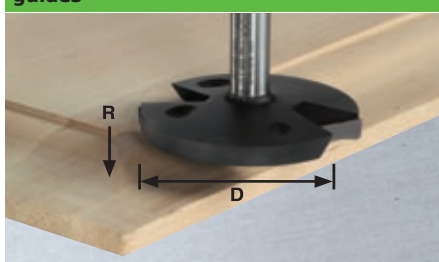


| HW | | | | | | s = 12 |
|---------------|----|----|----|----------------|-----------|--------|
| ØD | NL | GL | R | F _α | Order no. | |
| 67 | 12 | 68 | 19 | | 490127 | |
| n max. 22,000 | | | | | | |



The facing cutter with ball bearing guide is perfectly suited to cutting classic curved panelling.

Facing cutter without ball bearing guides

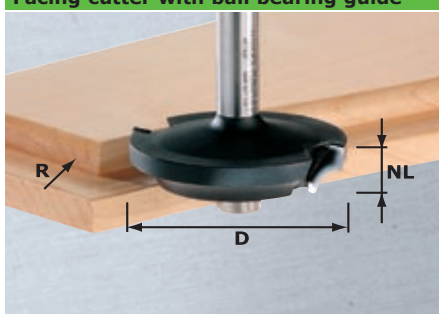


| HW | | | | | | s = 12 |
|---------------|----|----|----|----------------|-----------|--------|
| ØD | NL | GL | R | F _α | Order no. | |
| 68 | 14 | 58 | 35 | | 492712 | |
| n max. 22,000 | | | | | | |



On the other hand, the facing cutter without ball bearing guides can cut deeper tapers.

Facing cutter with ball bearing guide



| HW | | | | | | s = 8 |
|------|----|----|---|----------------|-----------|-------|
| ØD | NL | GL | R | F _α | Order no. | |
| 42,7 | 13 | 50 | 6 | | 491138* | |

| HW | | | | | | s = 12 |
|----------------------|----|----|---|----------------|-----------|--------|
| ØD | NL | GL | R | F _α | Order no. | |
| 63 | 15 | 68 | 9 | | 491109 | |
| Repl. b/bg guide set | | | | | | 491398 |
| VE 1 pcs. | | | | | | |

* without ball bearing guide

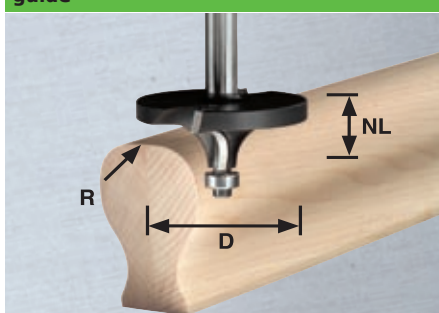
Facing and counterprofiling all in one.

You can use this tool to cut the paneling and the frame and produce complete fronts in combination with a disc groove cutter.



Facing cutter

Profile radius cutter with ball bearing guide



| HW | | | | | | s = 12 |
|------------------|----|----|----|----------------|-----------|--------|
| ØD | NL | GL | R | F _α | Order no. | |
| 64 | 26 | 76 | 16 | | 492710 | |
| Repl. b/bg guide | | | | dia. 12.7 | 491383 | |
| VE 2 pcs. | | | | | | |



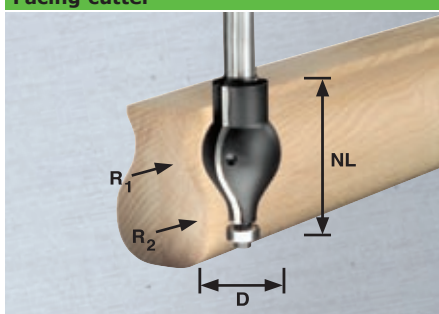
n max. 22,000



Bench-mounted router Basis 6 A.

The Basis 6 A and router OF 2000 E are perfect for cutting workpieces with larger diameters and will always provide a secure support surface for routing. (see page 84)

Facing cutter



| HW | | | | | | s = 12 |
|------------------|----|-----|----------------|----------------|-----------|--------|
| ØD | NL | GL | R ₁ | R ₂ | Order no. | |
| 32 | 41 | 107 | 20.5 | 16 | 492711 | |
| Repl. b/bg guide | | | | dia. 12.7 | 491383 | |
| VE 2 pcs. | | | | | | |

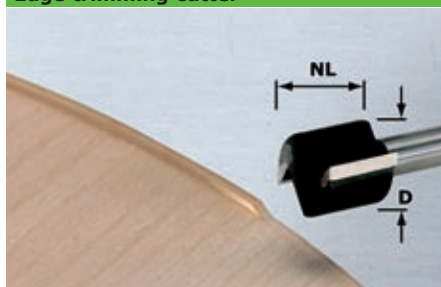


n max. 22,000

VE = packaging unit

Cutters for OFK 700

Edge trimming cutter



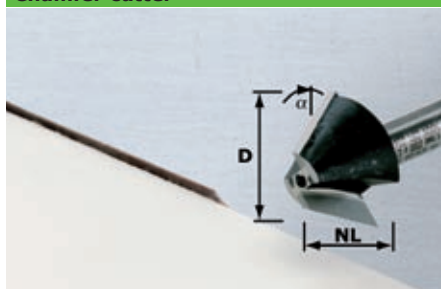
| HW | s = 8 | | | | |
|----|-------|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 19 | 16 | 46 | | | 491666 |

Turning plate edge trimming cutter

Not shown

| HW | s = 8 | | | | |
|-------------------------------------|-------|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 19 | 12 | 43 | | | 491670 |
| Replacement cutter 12x12x1.5 | | | | | 491391 |
| VE 4 pcs. | | | | | |

Chamfer cutter



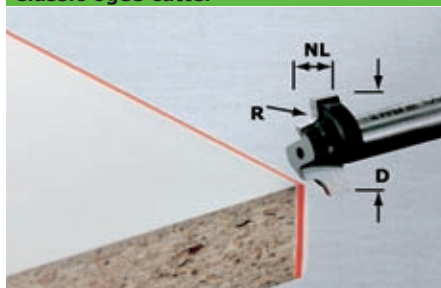
| HW | s = 8 | | | | |
|----|-------|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 24 | 14 | 44 | | 22° | 491667 |
| 24 | 12 | 42 | | 30° | 491668 |
| 24 | 10 | 40 | | 45° | 491669 |

Turning plate chamfer cutter

Not shown

| HW | s = 8 | | | | |
|---------------------------------|-------|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 24 | 12 | 46 | | 22° | 491671 |
| 24 | 12 | 47 | | 45° | 491672 |
| Replacement cutter 12x12 | | | | | 491391 |
| VE 2 pcs. | | | | | |

Classic ogee cutter



| HW | s = 8 | | | | |
|----|-------|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 18 | 9 | 39 | 2 | | 491675 |
| 20 | 10 | 40 | 3 | | 491676 |

Ogee cutter with ball bearing guides



| HW | s = 8 | | | | |
|-----------------------------------|-------|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 17 | 9 | 49 | 2 | | 491673 |
| 19 | 10 | 50 | 3 | | 491674 |
| Repl. b/bg guide dia. 12.7 | | | | | 491383 |
| VE 2 pcs. | | | | | |

VE = packaging unit

Curves are no problem.

Whether café tables, counters, desktops or other furniture items. The Festool Edge Router OFK 700 deals with all curves.



You can find a comprehensive selection of slot cutters specially designed for routing and cutting slots for edging on page 131.

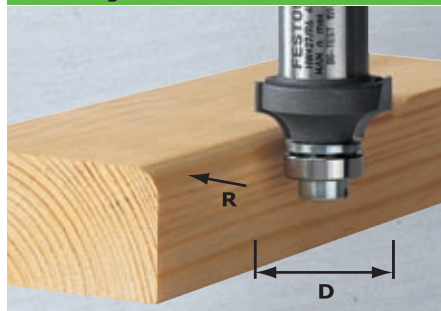
This application requires the cutter spindle Order No. 491557.



0° router table, order no. 491427
For routing accurate angles.

Cutters for OFK 500

Classic ogee cutter

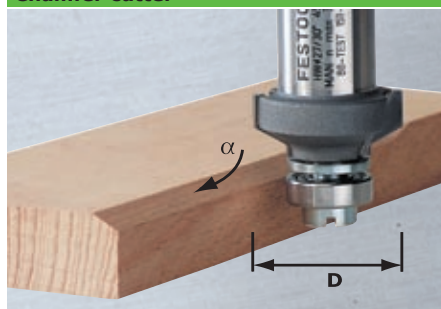


| HW | OFK 500 | | | | |
|--|---------|---|---|----------------|-----------|
| ØD | NL | B | R | F _α | Order no. |
| 27 | | | 2 | | 490092 |
| 27 | | | 3 | | 490093 |
| 27 | | | 4 | | 490094 |
| 27 | | | 5 | | 490095 |
| 27 | | | 6 | | 490096 |
| Replacement ball bearing guide with clamping screw | | | | | 490249 |



For rounding plastic or solid wood veneer.

Chamfer cutter

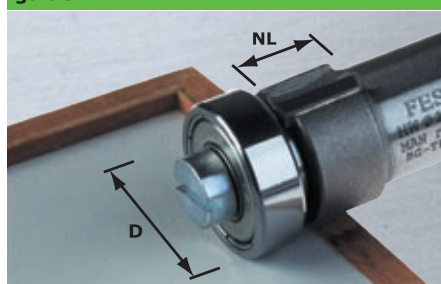


| HW | OFK 500 | | | | |
|--|---------|---|---|----------------|-----------|
| ØD | NL | B | R | F _α | Order no. |
| 27 | | | | 45° | 490090 |
| 27 | | | | 30° | 490091 |
| 27 | | | | 60° | 491533 |
| Replacement ball bearing guide with clamping screw | | | | | 490249 |



For chamfering plastic or solid wood veneer.

Edge trimming cutter with ball bearing guide



| HW | OFK 500 | | | | |
|----|---------|---|---|----------------|-----------|
| ØD | NL | B | R | F _α | Order no. |
| 22 | 8 | | | | 490565 |

Edge trimming cutter without ball bearing guide

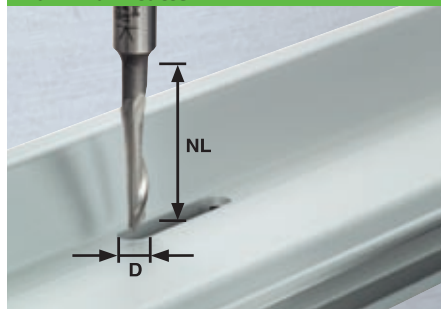
| HW | OFK 500 | | | | |
|--|---------|---|---|----------------|-----------|
| ØD | NL | B | R | F _α | Order no. |
| 22 | 8 | | | | 490085 |
| Replacement ball bearing guide with clamping screw | | | | | 490250 |



Flush trimming plastic or solid wood veneer.

Aluminium cutter

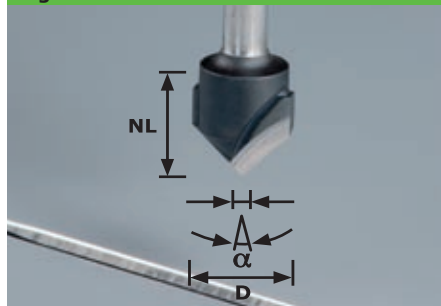
Aluminium cutter



| HS | s = 8 | | | | |
|----|-------|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 5 | 23 | 65 | | | 491036 |

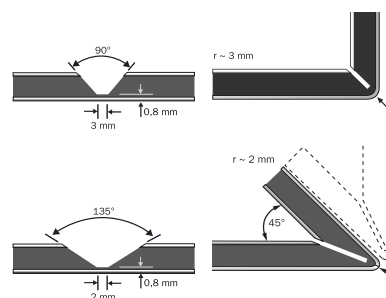
HS spiral groove cutter for routing water channels in aluminium profiles.

V-groove cutter



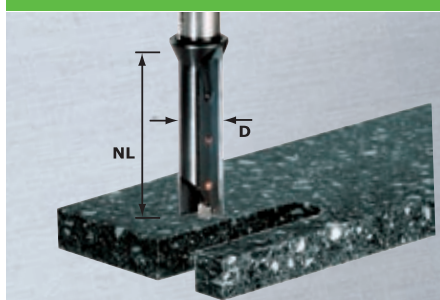
| HW | s = 8 | | | | |
|----|-------|----|---|----------------|-----------|
| ØD | NL | GL | R | F _α | Order no. |
| 18 | 8 | 60 | | 90° | 491444 |
| 18 | 3.3 | 60 | | 135° | 491443 |

Routing aluminium composite panels.



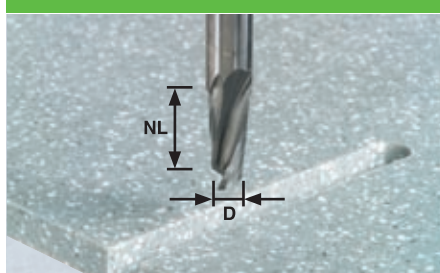
Special cutters for mineral materials

Reversible blade groove cutter



| HW | | s = 12 | s = 12.7 | |
|-----------------------------------|----|--------|----------|----------------|
| ØD | NL | GL | R | F _α |
| 14 | 45 | 92 | | |
| Order no. | | | | |
| 491110 | | | | |
| Reversible blades 50 x 5.5 | | | | |
| VE 2 pcs. 491389 | | | | |

Solid carbide spiral groove cutter



| HW | | s = 10 | s = 9.53 | |
|------------------|----|--------|----------|----------------|
| ØD | NL | GL | R | F _α |
| 9.53 | 27 | 70 | | |
| Order no. | | | | |
| 492657 | | | | |
| 10 | 27 | 70 | | |
| Order no. | | | | |
| 492653 | | | | |

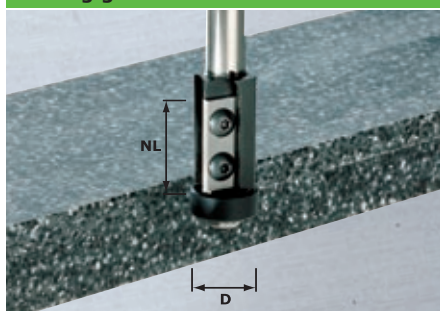
| HW | | s = 12 | s = 12.7 | |
|------------------|----|--------|----------|----------------|
| ØD | NL | GL | R | F _α |
| 12 | 27 | 70 | | |
| Order no. | | | | |
| 492654 | | | | |
| 12.7 | 27 | 70 | | |
| Order no. | | | | |
| 492658 | | | | |
| 12 | 42 | 87 | | |
| Order no. | | | | |
| 492655 | | | | |
| 12.7 | 42 | 87 | | |
| Order no. | | | | |
| 492659 | | | | |

Solid carbide spiral groove cutter for roughing and finishing



| HW | | s = 12 | s = 12.7 | |
|------------------|----|--------|----------|----------------|
| ØD | NL | GL | R | F _α |
| 12 | 42 | 87 | | |
| Order no. | | | | |
| 492656 | | | | |
| 12.7 | 42 | 87 | | |
| Order no. | | | | |
| 492660 | | | | |

Turning plate slot cutter and ball bearing guide



| HW | | s = 12 | s = 12.7 | |
|---|----|--------|----------|----------------|
| ØD | NL | GL | R | F _α |
| 21 | 30 | 89 | | |
| Order no. | | | | |
| 491120 | | | | |
| Replacement ball bearing guide dia. 21 | | | | |
| VE 2 pcs. 491408 | | | | |
| Reversible blades 30 x 12 | | | | |
| VE 4 pcs. 491393 | | | | |

Only the best.

The new solid carbide spiral groove cutters are manufactured from cylindrical rods of carbide specially developed for machining mineral materials. These cutters are characterised by their extreme resistance to breaking, their speed and efficiency.



For fast work.

These roughing and finishing cutters with chip breaker, manufactured from a specially developed solid carbide rod, were created for routing eg basin cut-outs.



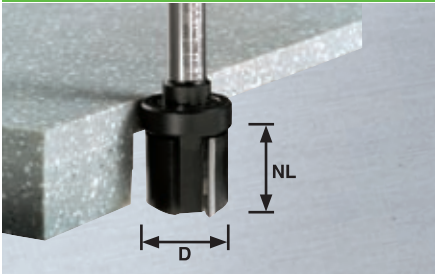
Precise and durable.

Mineral materials are very demanding on the cutting blade. When working with the ball bearing guide, it is also absolutely vital that the cutter and ball bearing guide are permanently aligned. This is why tools with reversible blades pay their way within a very short time.



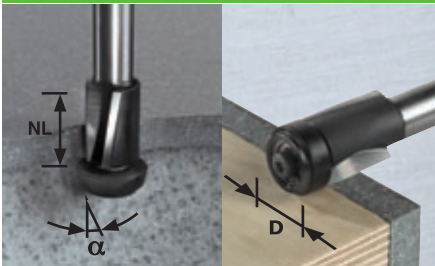
Routing Cutters

Edge trimming cutter with top ball bearing guide



| HW | s = 12 s = 12.7 | | | | |
|---|-------------------|----|---|----------------|-----------------|
| ØD | NL | GL | R | F _α | Order no. |
| 28 | 25 | 80 | | | 492705 492706 |
| Replacement ball bearing guide dia. 28 | | | | | |
| VE 1 pcs. | | | | | 493063 493063 |

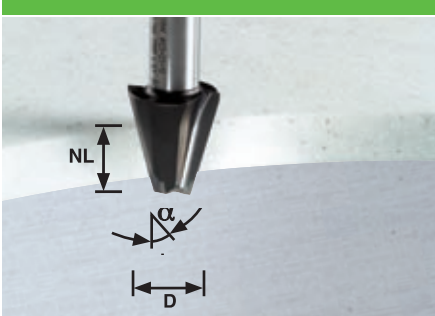
Edge trimming cutter and join cutter with ball bearing guides



| HW | s = 12 s = 12.7 | | | | |
|--|-------------------|----|---|----------------|-----------------|
| ØD | NL | GL | R | F _α | Order no. |
| 19 | 25 | 74 | | (11°) | 492661 492662 |
| Replacement ball bearing guide* dia. 19 | | | | | |
| VE 1 pcs. | | | | | 493055 493055 |
| Replacement ball bearing guide* dia. 22/11° | | | | | |
| VE 1 pcs. | | | | | 493056 493056 |

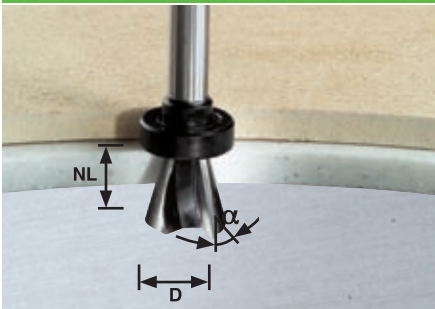
* Both replacement ball bearing guides included in the scope of delivery

Chamfer cutter with cutting bit



| HW | | | | | s = 12 | s = 12.7 |
|----|----|----|---|----------------|-----------|----------|
| ØD | NL | GL | R | F _α | Order no. | |
| 23 | 25 | 66 | | 15° | 492663 | 492664 |

Chamfer cutter with top ball bearing guide



| HW | s = 12 s = 12.7 | | | | |
|---|-------------------|----|---|----------------|-----------------|
| ØD | NL | GL | R | F _α | Order no. |
| 28 | 25 | 80 | | 15° | 492703 492704 |
| Replacement ball bearing guide dia. 28 | | | | | |
| VE 1 pcs. | | | | 493063 | 493063 |

Two tools in one.

Cutting inlays flush or routing overhangs on fitted basins at an angle of 11°. Both are possible simply by changing the ball bearing guide included in the scope of delivery.



Chamfer cutter with cutting bit.

When cutting with this tool, the router is guided on the template with a copying ring.

Benefit: the cutting edge allows the cutter to plunge to full depth and finish the basin cut-out in a single operation.



Chamfer cutter with ball bearing guide.

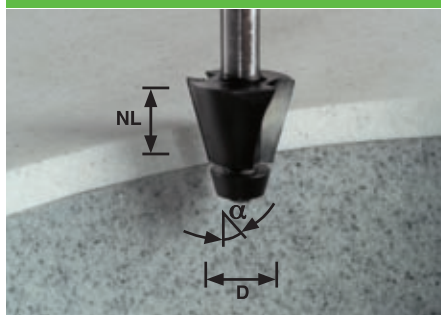
When cutting with this tool, the router is guided along the top of the template by the bearing.

Benefit: the tool can be used in any router without the need of a copying ring.



VE = packaging unit

Chamfer cutter with ball bearing guide



| HW | | | | | s = 12 | s = 12.7 |
|--|----|----|---|----------------|-----------|----------|
| ØD | NL | GL | R | F _α | Order no. | |
| 33.5 | 25 | 66 | | 15° | 492665 | 492666 |
| Replacement ball bearing guide dia. 20/15° | | | | | | |
| VE 1 pcs. | | | | | 493057 | 493057 |

① New: the perfect duo for modern counters.

Chamfer cutter undercut: the first step with this tool is to cut a chamfer. Benefit: the counter does not have to be turned.

The classic ogee cutter (see below) then adds a curve to the chamfer, producing a worktop with a modern look.

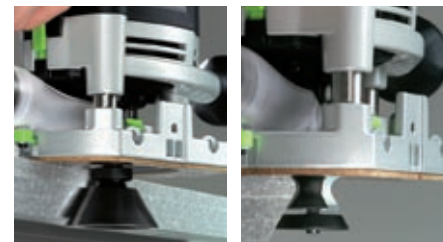
The system was designed for 2 or 3 rebated boards with a thickness of 12.7 mm.

Chamfer cutter undercut with ball bearing guide ①



| HW | | | | | s = 12 | s = 12.7 |
|--------------------------------|----|----|---|------------|-----------|----------|
| ØD | NL | GL | R | F α | Order no. | |
| 66.5 | 28 | 82 | | 30° | 492667 | 492668 |
| Replacement ball bearing guide | | | | | dia. 28 | |
| VE 1 pcs. | | | | | 493063 | 493063 |

⚠ n max. 16,000



Classic ogee cutter with ball bearing guide ①



| HW | s = 12 s = 12,7 | | | | |
|--------------------------------|-----------------|----|------|--------|---------------|
| ØD | NL | GL | R | Fα | Order no. |
| 40 | 23.5 | 74 | 6.35 | 30° | 492707 492708 |
| Replacement ball bearing guide | | | | | dia. 39.5 |
| VE 1 pcs. | | | | 493064 | 493064 |

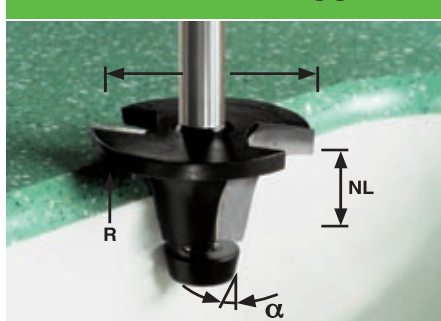
② Simple but ingenious.



Adjustable axial ball bearing guide on the basin cutter

If the cutting blade is not aligned with the ball bearing guide exactly after sharpening, the join to the cutter blade can be readjusted by moving the axial ball bearing guide, extending the service life of your Festool basin cutters even longer.

Basin cutter with ball bearing guide ②



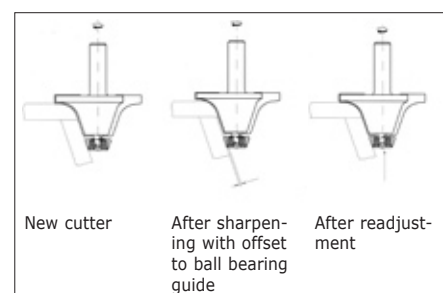
| HW | s = 12 | | | | | s = 12,7 | |
|----|--------|------|------|----------------|-----------|----------|--|
| ØD | NL | GL | R | F _α | Order no. | | |
| 53 | 25 | 81.7 | 6.35 | 18° | 492669 | 492672 | |
| 49 | 25 | 81.7 | 6.35 | 12° | 492670 | 492673 | |
| 45 | 25 | 81.7 | 6.35 | 6° | 492671 | 492674 | |
| 63 | 25 | 81.7 | 12.7 | 18° | 492675 | 492678 | |
| 59 | 25 | 81.7 | 12.7 | 12° | 492676 | 492679 | |
| 56 | 25 | 81.7 | 12.7 | 6° | 492677 | 492680 | |

⚠ Replacement ball bearing guide 18°
VE 1 pcs. 493059 493059

⚠ Replacement ball bearing guide 12°
VE 1 pcs. 493060 493060

⚠ Replacement ball bearing guide 6°
VE 1 pcs. 493061 493061

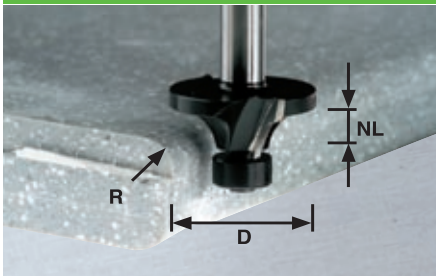
⚠ n max. 22,000



VE = packaging unit

Routing Cutters

Chamfer ogee cutter with ball bearing guide



| HW | s = 12 s = 12,7 | | | | |
|--------------------------------|-----------------|------|------|----------------|---------------|
| ØD | NL | GL | R | F _α | Order no. |
| 22 | 10 | 59,3 | 3 | | 492681 492688 |
| 26 | 12 | 61 | 5 | | 492682 492689 |
| 28.8 | 13.4 | 62 | 6.35 | | 492683 492690 |
| 32 | 15 | 63 | 8 | | 492684 492691 |
| 41.4 | 19 | 69 | 12.7 | | 492685 492692 |
| 54 | 25 | 75 | 19 | | 492686 492693 |
| 66.8 | 31.4 | 81 | 25.4 | | 492687 492694 |
| Replacement ball bearing guide | | | | | dia. 16 |
| VE 1 pcs. | | | | | 493062 493062 |

⚠ n max. 22,000

Chamfer cutter undercut with ball bearing guide



| HW | s = 12 s = 12,7 | | | | |
|--------------------------------|-------------------|----|------|----------------|-----------------|
| ØD | NL | GL | R | F _α | Order no. |
| 44.7 | 6.35 | 80 | 6,35 | | 492695 492698 |
| 57.4 | 12.7 | 80 | 12,7 | | 492696 492699 |
| 70 | 19 | 80 | 19 | | 492697 492700 |
| Replacement ball bearing guide | | | | | dia. 28 |
| VE 2 pcs. | | | | | 493063 493063 |

⚠ n max. 22,000

Plane cutter



| HW | s = 12 s = 12,7 | | | | |
|----|--------------------|----|---|---|------------------|
| ØD | NL | GL | R | Z | Order no. |
| 23 | 9 | 60 | 1 | 2 | 491117 |
| 52 | 7.3 | 60 | 1 | 3 | 492701 492702 |

A full range.

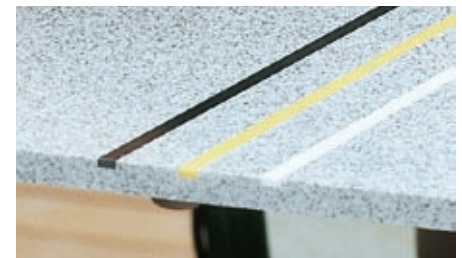
Chamfer ogee cutters radius 3 mm - 25.4 mm. With this great range, you can meet most of your customer needs.



The result of perfect profile machining: a mineral stone wash basin with a modern design.

To suit any task.

Flat protruding edges, eg pilaster strip inserts, can be trimmed flush without any problem using the plane cutter.



Splash-wall cutter with ball bearing guide



| HW | s = 12 s = 12,7 | | | | |
|--|-----------------|----|-----|---|-----------|
| ØD | NL | GL | R | Z | Order no. |
| 26 | 25 | 79 | 5/8 | | 491115 |
| Replacement ball bearing guide dia. 21 | | | | | |
| VE 2 pcs. | | | | | 491408 |

Nothing goes astray.

Not for laminated chipboard. With the splash-wall cutter, simply cut an elevation in the worktop and the liquid stays where it belongs. These are real benefits of mineral materials which you should exploit.



VE = packaging unit

Experience our routers online!

For comprehensive information on routers, router tools, the world of routing accessories and application tips, visit

www.festool.com.au

You will also find:

- all other top-quality products by Festool
- a complete range of accessories
- 3-D animation
- a dealer search
- service information
- and lots more



ROUTING



Machines ...



... accessories ...



... and router cutters at a glance! All this and more at www.festool.com.au

Planing without limits.

Conventional electric planers often run up against obstacles during practical use because of their design. For example, the rebate depth or the weight - the machine is simply too heavy for one-handed operation. Festool has overcome these obstacles by introducing a host of solutions that guarantee improved results, effortless operation and greater versatility.



**Drawing cut –
for superior surface quality**

Page **144**

The tools at a glance

One-handed planer EHL 65 E
Planer HL 850 EB

Page **146**

Applications

Page **145**

Accessories

Page **151**



Planing

One-handed planer EHL 65 E and planer HL 850 EB

Drawing cut – for superior surface quality.



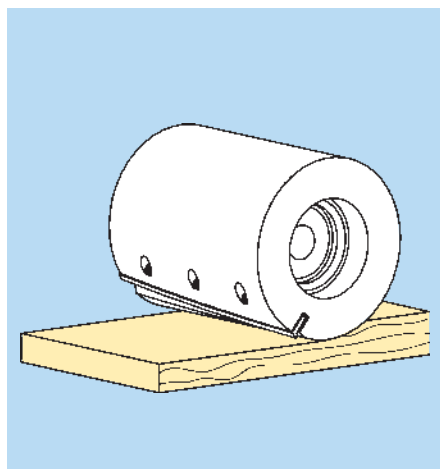
Festool electric planers offer more than just good handling – the surface quality of the machined workpiece is particularly impressive. Searching for otherwise unavoidable blemishes on workpieces machined by Festool planers is futile, thanks to the drawing cut of the patented spiral blade.

Other special technical features include the single-bearing planing head on the



Single-bearing planing head for unlimited rebating depths.

HL 850 EB, for limitless chamfering; or the low centre of gravity on the EHL 65 E, which can be operated with one hand and minimum effort. Festool planers do not only limit stress on your arms and joints, but are also easy on your ears; sophisticated technology means that they

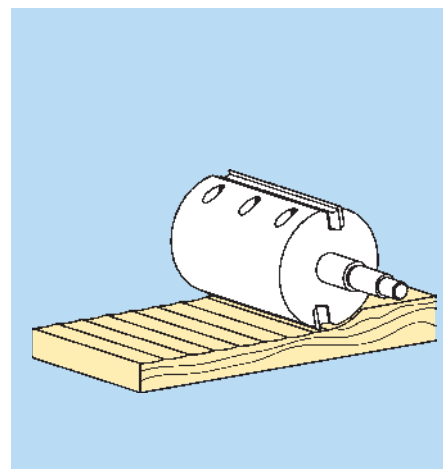


Unrivalled Spir-O-Cut spiral blade concept: the "drawing cut" of Festool planers guarantees smooth surfaces without „chatter marks" and minimal operating noise.



Unique manoeuvrability: 2.4 kg in weight and low centre of gravity are perfect for one-handed operation.

are quieter under load than other planers at idling speed. But that's not all! Festool has developed a system of angle stops and other accessories for their electric planers, to ensure even easier operation and better results.



FESTOOL THE SYSTEM



At Festool, we do not only think in terms of tools, but also systems so that you can work more quickly, easily and efficiently.

Planing head system.

Festool offers three rustic planing heads for texturing surfaces (HL 850 EB only).

Planing heads on page 151



Stationary units.

For stationary trimming and rebating. Convenient work with the cutting depth scale.

Stationary units on page 151

Application overview – Planing

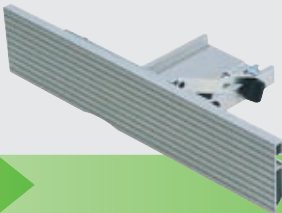
Both Festool planers would be a good choice. Decide which is the right one for your applications.

| |  |  |
|---|---|---|
| Applications | One-handed planer EHL 65 E | Planer HL 850 EB |
| One-handed operation | ● | ○ |
| Door and window rebates up to 23 mm | ● | ● |
| Unlimited rebate depth | | ● |
| Planing up to the edge | | ● |
| Trimming work (strip material, edges, panel material) | ● | ○ |
| Planing beams, planks, broad surfaces | ○ | ● |
| Drawing cut for clean surfaces | ● | ● |
| Suitable for stationary operation | ● | ● |
| Texturing wooden surfaces | | ● |
| Dust extraction connector on either side | ● | ● |
| Trimming and planing precise angles | ○ | ●*) |

○ Appropriate ● Very appropriate ● Extremely appropriate

*) With angle stop 485018 (see page 151)

PLANING



Angle stop.

The right stop for every working step: parallel stops, rebate depth stops, angle stops.

Stops on page 151

Storage system.

The SYSTAINER keeps your work area neat and tidy with storage space for machines and accessories.

Storage systems from page 286

Extraction system.

Clean results both in the workshop and on the construction site with Festool mobile dust extractors.

Mobile dust extractors from page 242

Planing

The tools at a glance

One-handed planer EHL 65 E

Handy planer.



Main applications

- Trimming work
- Assembly work
- Planing carcasses, trim, skirting, infill panels, doors, etc.
- Applications where convenient one-handed operation is required

Strengths and benefits

- Low weight and perfectly balanced for non-tiring work
- Compact design, ergonomic handle, low operating noise
- Spiral blade for a smooth planing pattern
- Efficient dust extraction at the left or right-hand side prevents having to clean up afterwards
- Quick blade changes

More from page 147

| | |
|---|-----------|
| Power consumption | 720 W |
| Rotational speed | 15600 rpm |
| Planing width | 65 mm |
| Planing depth | 0–4 mm |
| Max. rebate depth in mm | 23 mm |
| Connection diameter for dust extraction | 27 mm |
| Noise at idling speed | 76 dB(A) |
| Weight | 2.4 kg |



Planer HL 850 EB

Planer with no limits.



Main applications

- Planing door rebates
- All kinds of window rebate
- Texturing surfaces
- Planing beams, planks and broad surfaces

Strengths and benefits

- Planing to the edge, single-bearing head for unlimited rebating depths
- Electronics; controlled cutting speed
- Spiral blade for a smooth planing pattern
- Efficient dust extraction at the left/right side no clean-up needed
- Time-saving blade changes
- The SSB quick-acting safety brake system protects the workpiece and the user

More from page 149

| | |
|---|-----------|
| Power consumption | 850 W |
| Rotational speed | 11000 rpm |
| Planing width | 82 mm |
| Planing depth | 0–3.5 mm |
| Max. rebate depth | Unlimited |
| Connection diameter for dust extraction | 36 mm |
| Noise at idling speed | 79 dB(A) |
| Weight | 3.9 kg |



Planing

One-handed planer EHL 65 E



Planing made easy.

Only 2.4 kg in weight, ergonomic handle and cuts close to the edge – the EHL 65 E is an assembly planer that has been well designed right down to the finest details. With a planing width of 65 mm, the EHL 65 E can tackle virtually any assembly task. Lightweight, compact and powerful, just the right one-handed planer for professionals.

Flexible dust extraction.
The dust extractor can be used on the left or right side, depending on your working position, so that it does not get in the way.

Ergonomic handle.
Non-tiring work and accurate guidance.

Slimline.
Planing width of 65 mm for versatile use as an assembly planer.

Parallel stop.
Side guide for perfect working results.

Stepless cutting depth adjustment.
Handy rotary knob for adjusting the cutting depth accurately.

Low operating noise.
None so quiet thanks to the spiral shape of the blade.

Quick blade changes.
Loosen three screws, replace the blade, tighten back up and you're done! The blade is adjusted automatically.

Spiral blade with drawing cut.
Always a smooth planing pattern and no "chatter marks".

PLANING

One-handed planer EHL 65 E

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|---------------|---|---|-------------------------------|-----------|
| EHL 65 E-Plus | ● | ● | Parallel stop, operating tool | 574526 |

Planing

One-handed planer EHL 65 E

So light, so good.



Up to 30 percent lighter.

Weighing only 2.4 kg, the EHL 65 E is up to 30% lighter than equivalent planers. It has both a compact design and a particularly low centre of gravity. Only lift as much weight as you need!



One hand is enough.

Never has a planer been so manoeuvrable. The EHL 65 E fits in your hand so snugly that you can guide it with only one hand while holding the workpiece firm with the other. A smooth start-up function ensures a jolt-free start.



More accurate than measuring.

The infinitely adjustable cutting depth is a valuable feature in practice. You can use the handy rotary knob to accurately adjust the cutting depth, while working if necessary to meet your task requirements.



Dust extractor never gets in the way.

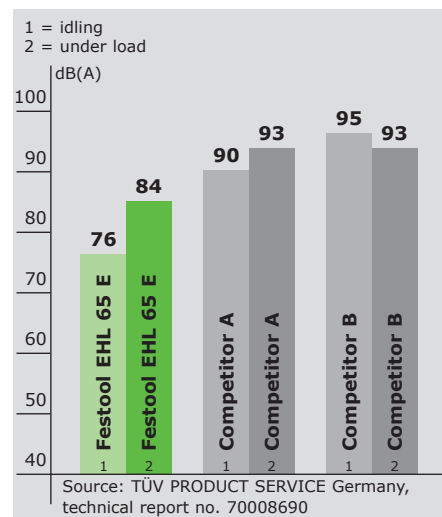
On many planers, the chip extractor may get in the way because of the planer design. Not with the EHL 65 E, however, as the extractor hose can be connected to the left- or right-hand side as required, allowing you to work with dust extraction in any position without hindrance.

Accessories for the one-handed planer EHL 65 E can be found from page 151



Stationary set-up in seconds.

The bench unit allows you to draw the workpiece over the planer comfortably, making rebating and trimming work easier while offering increased accuracy. The bench unit can also be fixed to a solid base quickly and securely via two clamps.



Quiet please.

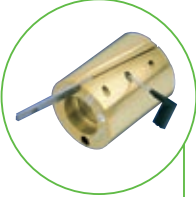
Measurements show what you can already hear: the EHL 65 E is significantly quieter than other planers; so much so in fact that it makes less noise under load than other planers do at idling speed! A valuable contribution to safety while working. More details at www.festool.com/facts.

For more information, visit www.festool.com.au



The only planer
for limitless rebating.

Planing and rebating right up to the edge: the rebate depth of conventional electric planers is quite limited and you are always left with the burden of reworking. The HL 850 EB relieves you of this. The patented, single-bearing planing head enables you to work flush with the workpiece to unlimited rebate depths.



Quick blade changes.
Loosen three screws, replace the blade, tighten back up and that's it! The blade is adjusted automatically.




Dust extraction.
Efficient chip extractor on the left or right-hand side prevents the need to clean up afterwards.



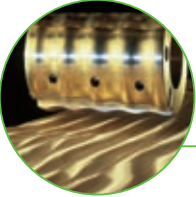
Retractable side guard.
Retract the side guard so you can plane right up to the edge. You can reach the lever easily without changing hand position.




Stepless cutting depth adjustment.
Handy rotary handle for adjusting the cutting depth accurately.




SSB quick-acting safety brake system.
From 10,000 revolutions per minute to 0 in two seconds – thanks to the SSB quick-acting safety brake system.




Replaceable planing heads.
A rough, smooth or wavy wooden texture – you have three different choices of rustic effect.



Unlimited rebate depth.
The single-bearing planing head allows you to work right up to the edge and to unlimited rebating depths.



Spiral blade with drawing cut.
Always a smooth planing pattern and no "chatter marks" thanks to the unique spiral blade.



PLANING

| Planer HL 850 EB | | | | E = with electronics | S = with Systainer |
|------------------|---|---|---|----------------------|--------------------|
| Model | E | S | Equipment/Scope of delivery | Order no. | |
| HL 850 EB-Plus | ● | ● | Parallel stop, rebate depth stop, extractor adapter, operating tool | 574540 | |

Meeting your every need.



No edge too far, no rebate too deep.

Where other planers leave you to finish the rest off by hand, the HL 850 will take you to uncharted depths. You can plane using the full width of the cutter because the planing head runs flush with the housing.



Accurate chamfering.

When you are chamfering boards and beams, the 90° V-groove in the planer foot makes it feel like the HL 850 EB is gliding along a rail and so prevents it from slipping or running off course too frequently.



Easy to guide. Easy to operate.

You will notice the sophisticated ergonomics and quality engineering of this planer as soon as you pick it up. All control elements are easy to reach without changing your hand position.



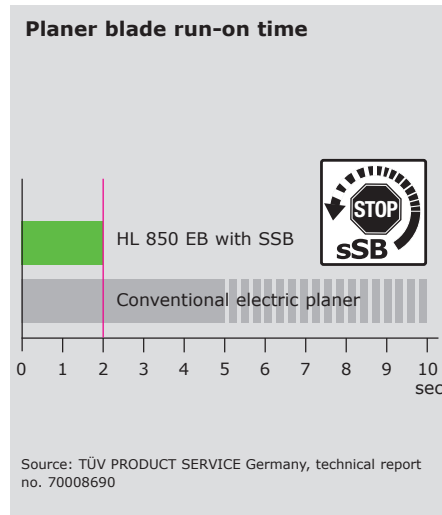
Texturing surfaces.

Rough, smooth or rustic waves. Replacing the planing head for textured planing requires a single hand movement. All three rustic planing heads produce excellent working results. Achieving attractive, living wooden surfaces could not be easier.



Secure, and you're ready.

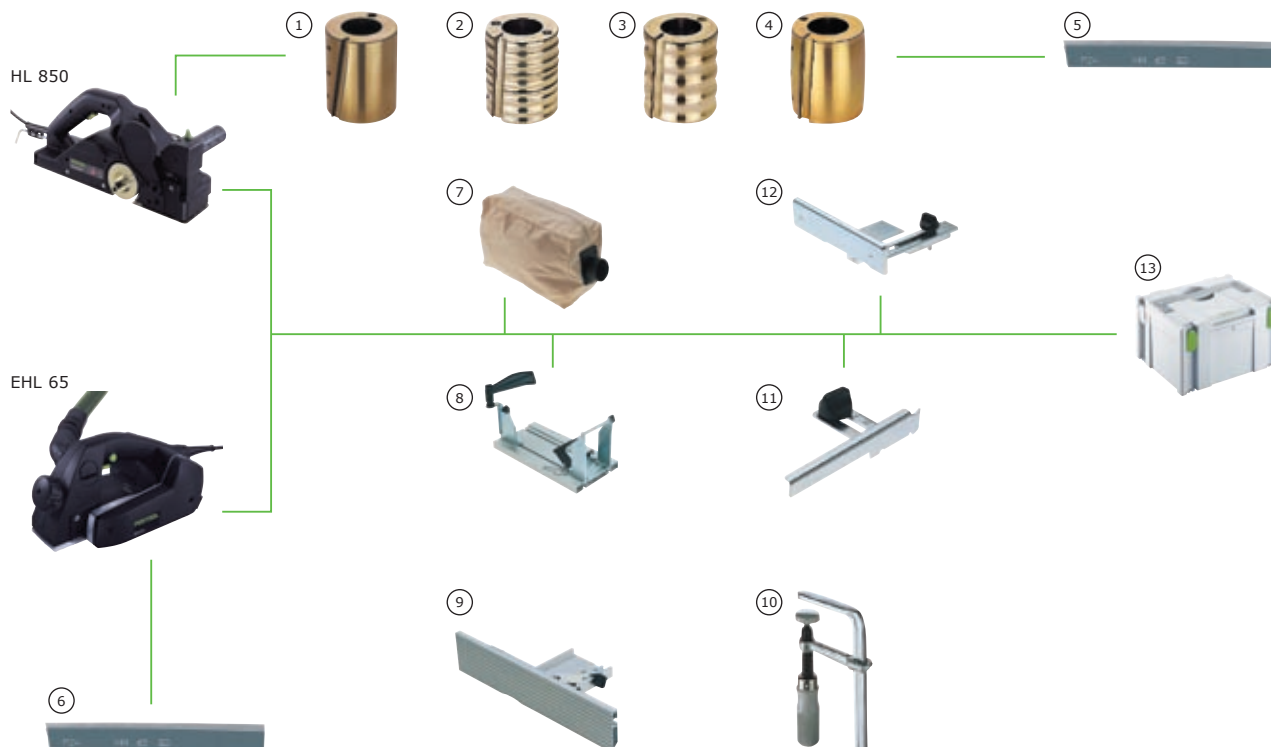
The bench unit allows you to guide the workpiece over the planer comfortably, making rebating and trimming work easier while offering increased accuracy. With the angle stop, you can chamfer any angle between 90° and 45°.



Quick-acting safety brake system.

The SSB system brakes the planer from maximum speed to a complete stop within two seconds, avoiding injuries and damage to the workpiece when you set down the planer. More details at www.festool.com/facts.

System overview and accessories



Accessories for one-handed planer EHL 65 E and planer HL 850 EB

| Product | Explanation | Order no. |
|-------------------------------------|--|---------------|
| ① Planing head HK 82 SD | Standard version, with HW carbide-tipped spiral blade HW 82SD | 484520 |
| ② Planing head HK 82 RF | Rustic version, smooth, with HS spiral blade HS 82 RF | 484521 |
| ③ Planing head HK 82 RG | Rustic version, rough, with HS spiral blade HS 82 RG | 484522 |
| ④ Planing head HK 82 RW | Rustic version, wavy, with HS spiral blade HS 82 RW | 485331 |
| ⑤ Spiral blade HW 82 SD | For planing head HK 82 SD, HW standard version | 484515 |
| Spiral blade HS 82 RF | For planing head HK 82 RF, HS rustic version, smooth | 484518 |
| Spiral blade HS 82 RG | For planing head HK 82 RG, HS rustic version, rough | 484519 |
| Spiral blade HS 82 RW | For planing head HK 82 RW, HS rustic version, wavy | 485332 |
| ⑥ Carbide-tipped blade HW 65 | For EHL 65 | 488503 |
| ⑦ Chip collection bag SB-HL | For HL 850 (extraction adapter not included) | 484509 |
| Extraction adapter AD-HL | For SB-HL, for chip collection bag and suction hose with reducing ring (replacement part, not shown) | 484507 |
| Chip collection bag SB-EHL | For EHL 65 | 488566 |
| ⑧ Bench unit SE-EHL | For EHL 65, for stationary trimming and rebating, swivelling protective cover, slotted assembly board with non-slip coating, including cutting depth scale | 488524 |
| Bench unit SE-HL | For HL 850, for stationary trimming and rebating, swivelling protective cover, slotted assembly board with non-slip coating, including cutting depth scale | 485017 |
| ⑨ Angle stop WA-HL | For HL 850 EB, for planing angles 0-45°, also serves as a stop for bench unit SE-HL, stop length x height 350 x 75 mm | 485018 |
| ⑩ Clamps FSZ 120 | Polished steel version, clamping range: 120 mm, qty. in pack: 2 | 489570 |
| ⑪ Rebate depth stop FA-EHL | For EHL 65, for rebate depths of 0-23 mm | 488543 |
| Rebate depth stop FA-HL | For HL 850, for rebate depths of 0-30 mm | 484512 |
| ⑫ Parallel stop PA-EHL | For EHL 65, for side guidance, adjustable between 0-82 mm | 488544 |
| Parallel stop PA-HL | For HL 850, for side guidance, adjustable between 0-82 mm | 484513 |
| ⑬ SYSTAINER SYS-EHL | SYSTAINER size SYS 2, with insert | 488567 |
| SYSTAINER SYS-HL-850 | SYSTAINER size SYS 3, with insert | 488989 |

Surfaces of the finest quality.

Our customers demand high-quality, unblemished surfaces in the shortest time possible. But what gives a surface its quality?

The answer is a combination of perfect sublayer preparation and the right technology. All Festool products are therefore designed to be system-compatible, from abrasive and machines to efficient dust extraction systems.



**The right machines for
your surface requirements**

Page **154**

Accessories

Page **189**

Applications

Page **155**

Abrasives

Page **198**

The tools at a glance

Gear-drive eccentric sander *ROTEX*®

Eccentric sanders

Orbital sander *RUTSCHER*®

Triangular sander *DELTEX*®

Linear sander *DUPLEX*®

Rotary sanders

Belt sanders

Page **156**



Sanding

Sanding with electric power tools

The right machines for your surface requirements.



The name Festool has been associated with outstanding sanding expertise for more than 50 years. Festool set initial standards in the early days with the orbital sander and has consistently raised them even since. Our objective: maximum utilisation whatever the sanding task.

Ergonomic handling and minimal vibration form the basis for perfect, continual sand-



The ROTEX. Three tools in one: coarse sanding, fine sanding and polishing.

ing. Festool sanders are therefore not only "designed to fit snugly in your hand", but can be guided in many different positions and have practical functions such as the vibration stop and StickFix sanding pads. In addition to Festool inventions like the ROTEX or the DUPLEX, the range is mainly



Lightweight, handy machine for fine sanding.

characterised by its system compatibility. Every component has been proficiently adapted to a system, from abrasives to dust extractors.

The benefits for you:

- Outstanding surface quality and excellent working results
- Optimised ergonomics for non-tiring work



Quiet, controlled sanding: Festool sets the standards for non-tiring work with innovations such as VS balancing and the ergonomic dome grip, while increasing productivity.

FESTOOL THE SYSTEM



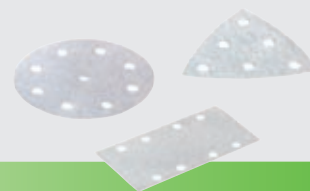
At Festool, we do not only think in terms of tools, but also in terms of systems so that you can work more quickly, easily and efficiently.



Sanding accessories system.

Optimised sanding pad made from MPE with FastFix, patented Jetstream principle and StickFix adhesive layer.

Accessories from page 162/189



Abrasive system.






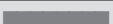







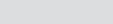






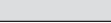



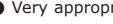

Always the right abrasive. The Jetstream system increases the useful life by up to 30%.

Abrasives from page 198

Application overview – Sanding

With such a large range of different applications and technical solutions, it is important to select the right machine.

The table below will assist you here. Select the tasks you are faced with most frequently in your daily work and choose the relevant tool. See the following pages for more details.

| | | |  | | | |  | | | |  | | | |  | |  | |  | |
|--------------|--|---|---|--------|--------|--------|---|----------|---------------|---------------|---|--------|-----------|-----------|---|----------------|---|---------|---|--------|
| | | | Direct-drive <i>RUTSCHER®</i> | | | | Gear-drive orbital sander | | | | Gear-drive eccentric sander | | | | Linear sander | | Rotary sander | | Belt sander | |
| |  Removal rate  Surface quality | | RS 400 | DS 400 | RS 300 | RS 200 | RS 100 | RS 100 C | DELTEX® DX 93 | ROTEX® RO 125 | ROTEX® RO 150 | ES 125 | ETS 150/3 | ETS 150/5 | WTS 150/7 | DUPLEX® LS 130 | RAS 115 | RAS 180 | BS 75 | BS 105 |
| Surfaces | | | | | | | | | | | | | | | | | | | | |
| Coarse |  |  | | | | | ● | ● | | ● | ● | | | | | | ● | ● | ● | ● |
| Pre-sanding |  |  | ○ | ○ | ○ | ○ | ○ | ○ | | ● | ● | ○ | ○ | ○ | ● | | ● | ● | ● | ● |
| Fine sanding |  |  | ● | ● | ● | ● | ○ | ○ | | ● | ● | ○ | ● | ● | ○ | ○ | | | ○ | ○ |
| Extra-fine |  |  | ○ | ○ | ○ | ○ | | | | ● | ● | ● | ● | ○ | | | | | | |
| Curves | | | | | | | | | | | | | | | | | | | | |
| Coarse |  |  | | | | | | | | | ○ | ○ | ○ | ○ | ○ | | ● | ○ | | |
| Pre-sanding |  |  | | | | | | | | | ● | ● | ○ | ○ | ○ | ● | ● | ○ | | |
| Fine sanding |  |  | | | | | | | | | ● | ● | ○ | ● | ○ | ● | | | | |
| Extra-fine |  |  | | | | | | | | | ● | ● | ○ | ○ | | ○ | | | | |
| Corners | | | | | | | | | | | | | | | | | | | | |
| Coarse |  |  | | | | | | | | | | | | | | | | | | |
| Pre-sanding |  |  | ○ | ○ | ○ | ○ | | | | | | | | | | ○ | | | | |
| Fine sanding |  |  | ○ | ● | ○ | ○ | | ○ | | | | | | | | ○ | | | | |
| Extra-fine |  |  | | | | | | | | | | | | | | ○ | | | | |
| Profiles | | | | | | | | | | | | | | | | | | | | |
| Coarse |  |  | | | | | | | | | | | | | | | | | | |
| Pre-sanding |  |  | | | | | | | | | | | | | | | | | | |
| Fine sanding |  |  | | | | | | | | | | | | | | | | | | |
| Extra-fine |  |  | | | | | | | | | | | | | | | | | | |

○ Appropriate ◐ Very appropriate ● Extremely appropriate



Polishing system.

Fully compatible: from polishing pads, different sponges and felts to sheepskins in every size.

Accessories from page 226



Extraction system.

Clean results with our mobile dust extractors, both in the workshop and on the construction site.

Mobile dust extractors from page 242



Workspace system.

Organise your workplace ergonomically with the pivoting boom arm.

Workspace systems from page 274

Sanding

The tools at a glance

ROTEX® RO 150

Powerful all-rounder.



Main applications

- Sanding off old paint and varnish
- Intermediate varnish sanding
- Polishing paintwork and plastic surfaces
- Sanding out damaged areas on vehicles
- Removing anti-fouling on boats
- Sanding steps
- Sanding and polishing mineral materials

Strengths and benefits

- Three tools in one for coarse sanding, fine sanding and polishing, resulting in low investment costs and a considerable reduction in working times
- Dustproof gear unit for a long service life
- High material removal rate for efficient work over larger areas
- Sanding pad brake for safe, faultless work with no reworking costs

More from page 163

| | |
|---|---------------|
| Power consumption | 500 W |
| ROTEX rotary motion speed | 240–560 rpm |
| Eccentric motion speed | 2000–5600 rpm |
| Sanding stroke | 5 mm |
| Interchangeable sanding pad dia | 150 mm |
| Connection diameter for dust extraction | 27 mm |
| Weight | 2.3 kg |

 = with MMC electronics



ROTEX® RO 125

Handy all-rounder.



Main applications

- Sanding off old paint and varnish
- Intermediate varnish sanding
- Polishing paintwork and plastic surfaces
- Sanding out damaged areas on vehicles
- Working on vertical surfaces
- Sanding steps
- Sanding and polishing mineral materials

Strengths and benefits

- Compact, lightweight and handy for non-tiring work
- Three tools in one for coarse sanding, fine sanding and polishing, resulting in low investment costs and a considerable reduction in working times
- Dustproof gear unit for a long service life
- Sanding pad brake for safe, faultless work with no reworking costs

More from page 166

| | |
|---|---------------|
| Power consumption | 500 W |
| ROTEX rotary motion speed | 300–600 rpm |
| Eccentric motion speed | 3000–6000 rpm |
| Sanding stroke | 3.6 mm |
| FastFix sanding pad dia. | 125 mm |
| Connection diameter for dust extraction | 27 mm |
| Weight | 1.9 kg |

 = with MMC electronics



Eccentric sander WTS 150

Powerful eccentric sander.



Main applications

- Intermediate varnish sanding over larger areas
- Sanding filled areas
- Light sanding of paint and varnish
- Sanding undercoats and primers
- Sanding planing blemishes on wooden surfaces
- Light sanding of varnished surfaces

Strengths and benefits

- Sanding pad brake for safe, faultless work with no reworking costs
- Extremely powerful for efficient work

More on page 169

| | |
|---|---------------|
| Power consumption | 400 W |
| Eccentric motion speed | 2600–6000 rpm |
| Sanding stroke | 7 mm |
| Interchangeable sanding pad dia | 150 mm |
| Connection diameter for dust extraction | 27 mm |
| Weight | 1.9 kg |

 = with MMC electronics



Eccentric sander ETS 150/5

Ideal intermediate sander.



Main applications

- Intermediate varnish sanding
- Sanding across the wood grain
- Light sanding of paint, varnish and wooden materials
- Sanding mineral sublayers
- Fine sanding of mineral materials
- Sanding primed surfaces

Strengths and benefits

- 5 mm sanding stroke for efficient material removal
- Dual bearing for a long service life
- Weighs only 1.8 kg for particularly effortless work
- Sanding pad brake for safe, faultless work with no reworking costs
- Stepless speed preselection, constant speed even under load

More from page 170

| | |
|---|----------------|
| Power consumption | 310 W |
| Eccentric motion speed | 6000–10000 rpm |
| Sanding stroke | 5 mm |
| Interchangeable sanding pad dia 150 mm | |
| Connection diameter for dust extraction | 27 mm |
| Weight | 1.8 kg |

■ = with MMC electronics



Eccentric sander ETS 150/3

Perfect finishing sander.



Main applications

- Finish sanding on paintwork, wood and plastic
- Pre-sanding for polishing
- Final sanding of mineral materials
- Sanding high-gloss surfaces ready for polishing
- Sanding wooden surfaces ready for waxing
- Final sanding of fillers

Strengths and benefits

- 3 mm sanding stroke for an excellent surface finish
- Dual bearing for a long service life
- Weighs only 1.8 kg for particularly effortless work
- Sanding pad brake for safe, faultless work with no reworking costs
- Stepless speed preselection, constant speed even under load

More from page 170

| | |
|---|----------------|
| Power consumption | 310 W |
| Eccentric motion speed | 6000–10000 rpm |
| Sanding stroke | 3 mm |
| Interchangeable sanding pad dia 150 mm | |
| Connection diameter for dust extraction | 27 mm |
| Weight | 1.8 kg |

■ = with MMC electronics



Eccentric sander ES 125

The compact one-handed sander.



Main applications

- Finish sanding on paintwork, wood and plastic
- Pre-sanding for polishing
- Ideal for vertical surfaces or work overhead
- Sanding varnished surfaces
- Light sanding of joints after repair work

Strengths and benefits

- Sanding pad brake for safe, faultless work with no reworking costs
- One-handed operation for non-tiring work
- 2.0 mm sanding stroke for outstanding surface quality

More from page 173

| | |
|---|----------------|
| Power consumption | 220 W |
| Eccentric motion speed | 6000–13000 rpm |
| Max. speed | 13000 rpm |
| Sanding stroke | 2.0 mm |
| Interchangeable sanding pad dia 125 mm | |
| Connection diameter for dust extraction | 27 mm |
| Weight | 1.1 kg |

■ = with electronics



Sanding

The tools at a glance

RUTSCHER® RS 100

Professional with integral extractor.



Main applications

- Sanding off varnish, paint, filler over large areas
- Flush sanding of protruding edges on glued parts
- Sanding the surface of mineral sublayers
- Polishing metal

Strengths and benefits

- High economic efficiency thanks to extremely high material removal rate and reduction gearing
- **Vibration Stop** for smooth running and healthy working
- Efficient dust extraction provides a clear view and ensures a healthy working environment

More on page 175

| | |
|---|--------------|
| Power consumption | 620 W |
| Speed | 6000 rpm |
| Sanding stroke | 5 mm |
| Interchangeable sanding pad | 115 x 225 mm |
| Connection diameter for dust extraction | 27 mm |
| Weight | 3.3 kg |



RUTSCHER® RS 100 C

An ergonomic legend.



Main applications

- Sanding off varnish, paint, filler over large areas
- Flush sanding of protruding edges on glued parts
- Sanding the surface of mineral sublayers
- Polishing metal

Strengths and benefits

- Well-balanced centre of gravity for perfect results and non-tiring work
- High economic efficiency thanks to extremely high material removal rate and reduction gearing
- **Vibration Stop** for smooth running and healthy working
- External dust extractor guarantees a spotlessly clean and healthy workplace

More on page 175

| | |
|---|--------------|
| Power consumption | 620 W |
| Speed | 6300 rpm |
| Sanding stroke | 5 mm |
| Interchangeable sanding pad | 115 x 221 mm |
| Connection diameter for dust extraction | 27 mm |
| Weight | 3.0 kg |



RUTSCHER® RS 200

Master of large surfaces.



Main applications

- Intermediate varnish sanding over larger flat areas
- Final sanding prior to varnishing
- Light sanding of painted surfaces
- Sanding of natural wood and veneered surfaces
- Light sanding of undercoats

Strengths and benefits

- High speed and direct drive produce an extremely smooth sanding pattern - no reworking.
- Large sanding base for economical sanding over large areas
- Ability to sand up to the edge on three sides
- The enclosed dustproof bearing and extremely tear-resistant MPE sanding pad ensure a long service life and maximum economic efficiency

More on page 176

| | |
|---|----------------|
| Power consumption | 330 W |
| Speed | 4000-10000 rpm |
| Max. speed | 10000 rpm |
| Sanding stroke | 2.4 mm |
| Interchangeable sanding pad | 115 x 225 mm |
| Connection diameter for dust extraction | 27 mm |
| Weight | 2.5 kg |

 = with electronics



RUTSCHER® RS 300

A multi-talent.



Main applications

- Sanding surfaces and corners in one working procedure
- Sanding louvres with a special pad
- Light sanding of varnish, paint, wood and plastic
- Sanding natural woods and veneer prior to varnishing
- Light sanding of varnished surfaces
- Light sanding of mineral materials
- Special applications

Strengths and benefits

- Different interchangeable sanding pads for an extremely wide range of applications
- Ergonomic shape ensures non-tiring work, even on vertical surfaces and work overhead
- Electronics integrated in the housing, a sturdy bearing, secure oscillators and an extremely tear-resistant MPE sanding pad ensure a long service life and high economic efficiency

More from page 177

| | |
|---|----------------|
| Power consumption | 280 W |
| Speed | 4000–10000 rpm |
| Max. speed | 10000 rpm |
| Sanding stroke | 2.4 mm |
| Interchangeable sanding pad | 93 x 175 mm |
| Connection diameter for dust extraction | 27 mm |
| Weight | 2.3 kg |

■ = with electronics



RUTSCHER® RS 400

Compact one-handed sander.



Main applications

- Sanding door sets, windows and furniture parts
- Final sanding prior to varnishing
- Ideal for vertical surfaces or work overhead
- Sanding natural woods and veneer prior to varnishing
- Light sanding of varnished surfaces
- Light sanding of mineral materials

Strengths and benefits

- An even sanding pattern and the ability to sand close to edges on three sides keeps reworking to a minimum.
- Significant time savings when sanding corners and other awkward spots
- The enclosed dustproof bearing and extremely tear-resistant MPE sanding pad ensure a long service life and maximum economic efficiency
- Effective integral turbo dust extractor

More from page 180

| | |
|---|----------------|
| Power consumption | 200 W |
| Speed | 6000–13000 rpm |
| Max. speed | 13000 rpm |
| Sanding stroke | 2 mm |
| Interchangeable sanding pad | 80 x 130 mm |
| Connection diameter for dust extraction | 27 mm |
| Weight | 1.1 kg |

■ = with electronics



Delta sander DS 400

Compact, handy corner sander.



Main applications

- Sanding door sets, windows and furniture parts
- Final sanding prior to varnishing
- Ideal for vertical surfaces or work overhead
- Sanding natural woods and veneer prior to varnishing
- Light sanding of varnished surfaces
- Light sanding of mineral materials

Strengths and benefits

- Triangle-shaped sanding pad for efficient sanding of corners and other awkward spots. Significant time savings and less reworking
- The enclosed dustproof bearing and extremely tear-resistant MPE sanding pad ensure a long service life and maximum economic efficiency
- Effective integral turbo dust extractor

More from page 180

| | |
|---|----------------|
| Power consumption | 200 W |
| Speed | 6000–13000 rpm |
| Max. speed | 13000 rpm |
| Sanding stroke | 2 mm |
| Interchangeable sanding pad | 100 x 150 mm |
| Connection diameter for dust extraction | 27 mm |
| Weight | 1.1 kg |

■ = with electronics



Sanding

The tools at a glance

Triangular sander *DELTEX® DX 93*

Powerful corner sander.



Main applications


- Sanding corners
- Sanding louvres
- Working on awkward areas
- Sanding off varnish and paint in corners
- Sanding with one hand, vertically and overhead

Strengths and benefits

- Bevel gears guarantee an above-average material removal rate and maximum economic efficiency when used in corners or on small surfaces.
- Significant time savings thanks to quick rotation and replacement of sanding pads and abrasives using the intelligent Stickfix system.
- Extended-length pad with correct sanding pad

More on page 183

| | |
|---|---------------|
| Power consumption | 150 W |
| Speed | 5000–9500 rpm |
| Sanding stroke | 2.5 mm |
| Connection diameter for dust extraction | 27 mm |
| Weight | 1.5 kg |

 = with electronics



Linear sander *DUPLEX® LS 130*

Profile sander.



Main applications


- Sanding profiles, rebates and curves.
- DIY sanding pad kit for adaptation to individual profiles
- Linear motion for sanding wood along the grain
- Sanding hand rails
- Sanding louvres along the grain

Strengths and benefits

- Linear motion provides an efficient alternative to manual work in rebates and profiles for non-tiring work
- A variety of different sanding pads and abrasives for a wide range of applications
- Simple, quick and tool-less sanding pad changes
- Wear-resistant design for a long service life

More from page 184

| | |
|---|---------------|
| Power consumption | 260 W |
| Speed | 4000–6000 rpm |
| Sanding stroke | 4 mm |
| Interchangeable sanding pad | 133 x 80 mm |
| Connection diameter for dust extraction | 27 mm |
| Weight | 1.7 kg |

 = with electronics



Rotary sander *RAS 115*

Heavy-duty sander.



Main applications

- Sanding paint, varnish, wood and plastic
- Polishing metal
- Rust removal
- Adjustable dust extraction hood for virtually 100 % dust-free coating removal

Strengths and benefits

- The ergonomic design and the slim 58 mm housing ensure non-tiring working.
- High economic efficiency, as the machine speed can be set specifically to remove paint coatings
- Optimum dust extraction ensures a clean workspace, a clear view and a healthy working environment.
- Toolless sanding pad change
- Speed preselection, controlled speed

More on page 186

| | |
|---|---------------|
| Power consumption | 500 W |
| Speed | 1350–3800 rpm |
| Sanding pad dia. | 115 mm |
| Spindle thread | M14 |
| Connection diameter for dust extraction | 27 mm |
| Weight | 2.3 kg |

 = with MMC electronics



Rotary sander RAS 180

Large heavy-duty sander.



Main applications

- Sanding paint, varnish, wood and plastic
- Polishing metal
- Rust removal
- Adjustable dust extraction hood for virtually 100 % dust-free coating removal

Strengths and benefits

- Particularly economical when used over large areas, as the machine is designed for high material removal rates and fast work progress
- Thermal overload protection keeps machine costs low because it ensures a long service life.
- Optimum dust extraction ensures a clean workspace, a clear view and a healthy working environment.
- Tool-less sanding pad change

More on page 186

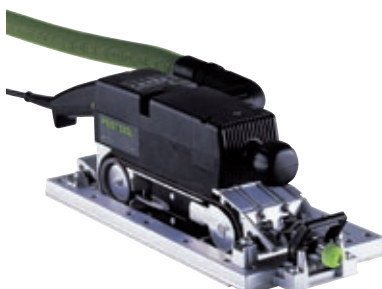
| | |
|---|--------------|
| Power consumption | 1500 W |
| Speed | 550–2650 rpm |
| Sanding pad dia. | 180 mm |
| Spindle thread | M14 |
| Connection diameter for dust extraction | 27 mm |
| Weight | 4.2 kg |

■ = with MMC electronics



Belt sander BS 75

Manoeuvrable belt sander.



Main applications

- Sanding flat surfaces
- Light sanding of high-quality, veneered surfaces
- Sanding edges
- Sanding out planing blemishes
- Sanding strip material, with bench unit

Strengths and benefits

- The well-balanced centre of gravity of the longitudinally mounted motor ensures non-tiring work.
- Perfect working results on a wide range of materials thanks to infinitely adjustable belt speed for coarse and fine sanding
- Strong motor pulling force ensures economic working.

More from page 187

| | |
|---|---------------|
| Power consumption | 1010 W |
| Belt speed | 200–380 m/min |
| Power consumption | 800 W |
| Max. belt speed | 315 m/min |
| Sanding belt width | 75 mm |
| Belt length | 533 mm |
| Sanding area | 135 x 75 mm |
| Connection diameter for dust extraction | 27/36 mm |
| Weight | 3.8 kg |

■ = with electronics



Belt sander BS 105

Wide belt sander.



Main applications

- Sanding large surfaces.
- Light sanding of high-quality, veneered surfaces
- Sanding out planing blemishes
- Sanding strip material, with bench unit

Strengths and benefits

- The well-balanced centre of gravity of the longitudinally mounted motor ensures non-tiring work.
- Perfect working results on a wide range of materials thanks to infinitely adjustable belt speed for coarse and fine sanding
- Strong motor pulling force ensures economic working.

More from page 187

| | |
|---|---------------|
| Power consumption | 1400 W |
| Belt speed | 230–380 m/min |
| Power consumption | 1200 W |
| Max. belt speed | 380 m/min |
| Sanding belt width | 100 mm |
| Belt length | 610 mm |
| Sanding area | 160 x 105 mm |
| Connection diameter for dust extraction | 27/36 mm |
| Weight | 6.5 kg |

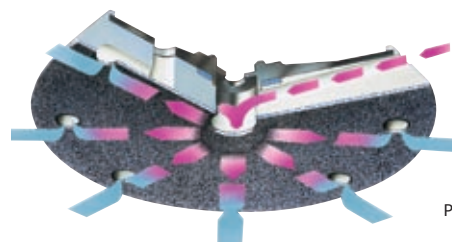
■ = with electronics



The Jetstream principle prevents blockages.

Festool abrasives and tools work with the patented Jetstream principle: an additional hole in the centre and two air ducts prevent a vacuum forming during dust extraction.

The benefits:

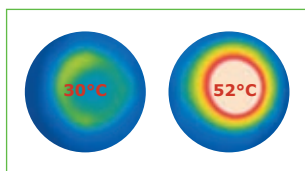


Patent no. EP0404133



1. Less dust accumulation

The effect: Festool abrasives accumulate significantly less dust. Grits can work more efficiently and increase the sanding capacity.



2. Reduced heat

Accumulated dust layers begin to generate heat after sanding for just 2 minutes with the standard 6-hole principle. Jetstream keeps the sanding area substantially cooler.



3. Fewer blockages

Heat causes dust particles to clump together. The abrasive clogs up and becomes unusable (example: 2 mins. sanding new paintwork). The Jetstream principle keeps the temperature low during sanding and effectively prevents blockages.

Cash savings are fact, not fiction! With the Jetstream principle, you use abrasives more efficiently and extend their useful life by **up to 30 %**.

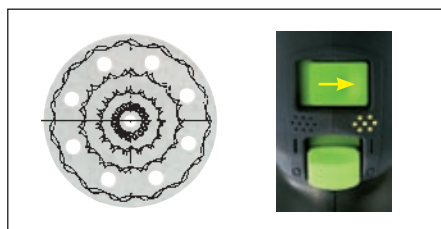
Fig.: left with Jetstream, right without Jetstream.

Extremely easy-to-use, extremely versatile - the ROTEX®.

Three tools in one. With the ROTEX, you can perform three different types of work without changing tools: coarse sanding, fine sanding and polishing. Simply press the rocker switch (RO 125) or turn the rotary switch (RO 150) to another motion setting and you're ready to start!

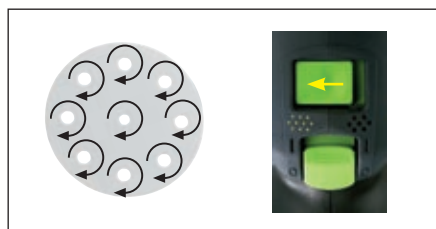
Coarse sanding/material removal

Efficient material removal and a clean sanding pattern with the ROTEX rotary motion: a combination of eccentric and rotational motion that maintains a low surface temperature.



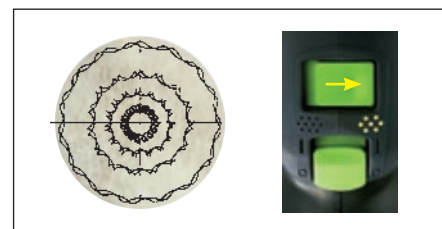
Fine sanding

Eccentric motion produces a super-fine sanding pattern.



Polishing

The ROTEX rotary motion produces shiny, hologram-free surfaces: a combination of eccentric and rotational motion that maintains a low surface temperature.



Cash savings are fact, not fiction! One tool, three applications and excellent working results.

Sanding

Gear-drive eccentric sander *ROTEX*® RO 150

FESTOOL



Three tools in one.

Coarse sanding, fine sanding or polishing - with the ROTEX, you will always have the right tool at your fingertips without having to make tiresome conversions. Once you start using it, you will quickly realise all the benefits that are packed into one tool. Simply use the rotary knob to change to a different motion. You save valuable time and do not have to invest in other tools.



1. Coarse sanding/material removal: high material removal capacity and clean sanding pattern with the ROTEX rotary motion.



2. Fine sanding, super-fine sanding pattern due to eccentric motion.



3. Polishing: gleaming, hologram-free surfaces with the ROTEX rotary motion.

SANDING

Sanding

Gear-drive eccentric sander *ROTEX*® RO 150

All the benefits in one tool.

The ROTEX RO 150 is not only the lightest sander in its class, it has a high material removal rate, outstanding dust extraction and ensures maximum useful life of abrasive thanks to Jetstream sanding pads.



Gear-drive eccentric sander *ROTEX*® RO 150 E – The different options E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|----------------------|---|---|--|---------------|
| RO 150 E-Plus | ● | ● | StickFix sanding pad dia. 150 mm (soft), 1 StickFix sanding disc, operating tool | 571487 |
| RO 150 E | ● | – | StickFix sanding pad dia. 150 mm (soft), 1 StickFix sanding disc, operating tool | 571508 |

Accessories for the gear-drive eccentric sander ROTEX RO 150 can be found on page 189 Technical data, see page 156 For more information, visit www.festool.com.au

1 tool, 3 applications, unlimited benefits.



Easy guidance.

The specially moulded dome grip on the ROTEX makes it easy to guide. In extremely difficult situations, the detachable side-mounted hand grip gives you complete control of the machine at all times.



Efficient work.

The ROTEX offers unique time savings and economical benefits thanks to the combination of an eccentric and gear-assisted rotational motion. When sanding windows, for example. Why not try for yourself?



Also ideal for polishing.

The ROTEX rotary motion polishes varnish to a high gloss finish. The reduced speed keeps the temperature low and prevents the polish from clouding or spraying off. Overheated surfaces are virtually impossible with the ROTEX.



Decidedly more durable.

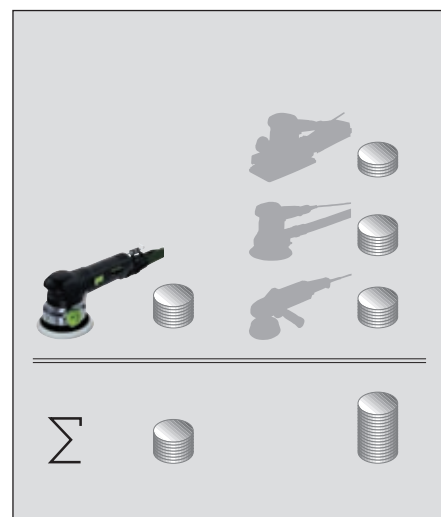
Take a look at the robust inner mechanism: Even extreme continuous use does not trouble the ROTEX. The sealing collar on the gear is easy to change, protects the inner mechanism against surface dirt and helps prevent technical breakdowns as a result.

Accessories for the gear-drive eccentric sander ROTEX RO 150 can be found on page 189



Triple the material removal rate.

When coarse sanding with the ROTEX, the material removal capacity is about 3 times greater than a normal eccentric sander for the same duration. And the ROTEX is still gentle on the workpiece; combining eccentric and rotary motion into the unique ROTEX rotary sanding motion.



Half the cost.

The initial costs for a ROTEX are significantly lower than the amount you would have to pay for three tools: orbital sander, eccentric sander and polisher. The ROTEX therefore only costs about half as much as 3 individual tools combined. Cost effectiveness at its best!

For more information, visit www.festool.com.au

Sanding Gear-drive eccentric sander *ROTEX*® RO 125



Original, versatile and surprisingly easy to manoeuvre!

Compact, handy – one tool for three applications: coarse sanding, fine sanding and polishing. The compact ROTEX represents an inspirational three-tool principle for vertical surfaces and overhead work. No need to change tools, simply set the switch to a different motion setting.



1. Coarse sanding/material removal: efficient material removal and clean sanding pattern with the ROTEX rotary motion.



2. Fine sanding, super-fine sanding pattern due to eccentric motion.



3. Polishing: Gleaming, hologram-free surfaces with the ROTEX rotary motion.

“Compact” ROTEX® – maximum power.

Low weight, compact housing and Softgrip; the ROTEX RO 125 design was based on numerous ergonomic studies and fits snugly in your hand. You grip and hold the tool completely naturally and so work quickly and efficiently.



Robust control elements.
The on/off switch and the ROTEX switch can be operated from both the left and right-hand side.



Distinctly handy.
Sits comfortably in your hand: manoeuvrable, compact design, low weight and Softgrip.



MMC electronics.
Controls the smooth start-up, adapts the speed to the material and keeps it constant. Infinitely adjustable.



Jetstream principle.
The 9-hole principle for reduced dust accumulation, heat and less clogging. Service life increases by up to 30%!



Durable and smooth-running.
Well-designed pad support for minimal vibrations and perfect results. High-quality failsafe gears. Dust-resistant switch mounting and dual gear seal.



Effective sanding pad brake.
Prevents scratching when the tool is set down on the workpiece.



FastFix® pad changing.
Simple, quick and safe. You don't need any other tools for quick pad changes apart from your hands.



More durable sanding pads.
Made from tear-resistant, extremely flexible MPE plastic.



SANDING

Gear-drive eccentric sander ROTEX® RO 125

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|-----------------|---|---|--|-----------|
| RO 125 FEQ-Plus | ● | ● | Stickfix sanding pad dia. 125 mm (soft), StickFix sanding disc | 571535 |

Accessories for the gear-drive eccentric sander ROTEX RO 125 can be found on page 190 Technical data, see page 156 For more information, visit www.festool.com.au

Sanding Gear-drive eccentric sander *ROTEX*® RO 125

One tool with all the benefits.



Simply versatile.

Like its big brother, the “compact” ROTEX is the complete all-rounder. Powerful but gentle, yet still extremely lightweight. Always the right sanding motion and speed thanks to the optional ROTEX rotary motion setting: as used here for polishing waxed surfaces.



FastFix® sanding pad changing.

Tool-less FastFix sanding pad changing for quick and uncompromising adaptation to the material or surface shape. The only tools you'll need are your hands.



Rough or smooth.

The ROTEX can be adapted specifically to meet your needs. Whether you require a high material removal rate for windows or fine sanding for window joins – just change over the setting. The material removal rate and surface quality are outstanding!



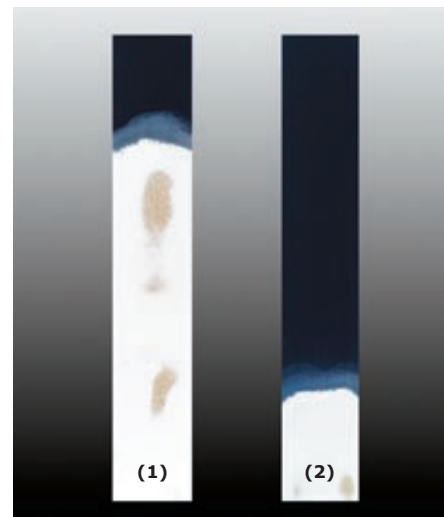
Surprisingly manoeuvrable.

The ROTEX RO 125, with its lightweight design, compact housing and ergonomic Softgrip, is a pleasure to use and hold. Working overhead or on vertical surfaces is no problem.



Efficient work.

The ROTEX offers unique time savings and economical benefits thanks to the combination of an eccentric and gear-assisted rotational motion. When light sanding and sanding off varnished surfaces, for example. Why not try for yourself?



Triple the material removal rate!

When coarse sanding with the ROTEX (1), the material removal rate is about three times greater than a normal eccentric sander (2) for the same duration (source: Festool test workshop). The ROTEX combines eccentric and rotary motion into the unique ROTEX rotary sanding motion.

Accessories for the gear-drive eccentric sander ROTEX RO 125 can be found on page 190

For more information, visit www.festool.com.au

Sanding

Eccentric sander WTS 150

A specialist for large areas.

The 7 mm sanding stroke makes the WTS 150 a specialist for efficient material removal over large surfaces – whether you

are sanding repair compound, removing thick layers of paint, or sanding off wood.

Outstanding handling.
Designed to fit your hand: lightweight, compact, with dome grip and ergonomic bar handle.

Jetstream principle.
For up to 30 % less abrasive consumption. High-strength MPE plastic for a longer service life, even when sanding edges.



MMC electronics.
Controls the smooth start-up, adapts the speed to the material and keeps it constant. Infinitely adjustable.

Lightweight.
Low weight and the vibration stop make it easy to guide despite its power.

Sanding pad brake.
A perfect sanding finish without scratches or ripples – especially after the tool is first applied to the workpiece.

High material removal rate.
With a 7 mm sanding stroke, the WTS 150 guarantees a high material removal rate and maximum economic efficiency.

Powerful in action and tough. The sturdy construction of the WTS 150 is designed with high-quality components for maximum durability. The WTS 150 has a whole lot more in store to make your work easier: ergonomic design; vibration stop; dust extraction system.



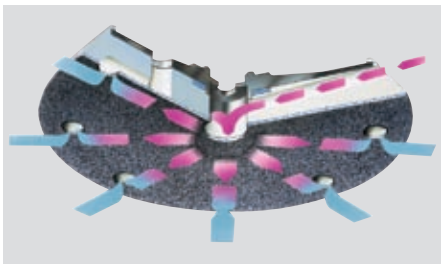
Ideal: sanding paint and varnish.



Quick: reduction gearing guarantees a high material removal rate.



Powerful: sanding off paint.



The Jetstream principle increases the useful life of your abrasive by up to 30%.

SANDING

Eccentric sander WTS 150 – The different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|------------------|---|---|--|-----------|
| WTS 150/7 E-Plus | ● | ● | StickFix sanding pad dia. 150 mm (soft), additional handle, operating tool | 571586 |
| WTS 150/7 E | ● | – | StickFix sanding pad dia. 150 mm (soft), additional handle, operating tool | 571587 |



A smooth surface finish.

Festool eccentric sanders are used in applications where an excellent surface quality is required. The eccentric motion of the sanding pad or each abrasive grain is displaced by the rotation of the pad. This "smearing" motion makes sanding scratches invisible to the human eye, producing an immaculate surface finish instead of unsightly rings.



The excellent surface quality produced by Festool eccentric sanders makes them ideal for high-quality workpieces.



Making sure nothing goes wrong: perfect preparation with eccentric sanders by Festool.



Even paintwork repairs on vehicles are no problem for Festool eccentric sanders.

Making light work of sanding.

Festool presents two top-class lightweight eccentric sanders in the ETS series: the ETS 150/3 is a favourite for fine sanding and extra-fine sanding. A lightweight in its class, it produces an excellent surface finish with a 3 mm sanding stroke. The ETS 150/5, with a 5 mm stroke, is a favourite for light sanding or intermediate varnish sanding. Its manoeuvrability is an example of outstanding ergonomics.



Distinctly robust.

Optimised components protect the electronics should the machine ever fall.



Outstanding handling.

Designed to fit your hand: lightweight, compact, dome grip with Softgrip and ergonomic bar handle.



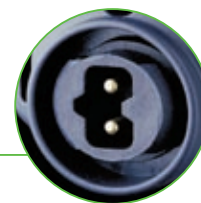
Long service life.

Two rows of durable dust-proof bearings.



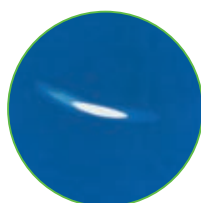
MMC electronics.

Controls the smooth start-up, adapts the speed to the material and keeps it constant. Infinitely adjustable.



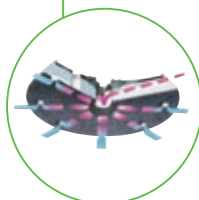
A safe connection.

High-quality bronze contacts guarantee a stable connection and you can change cables quickly and easily with the plug-it system.



Effective sanding pad brake.

Prevents scratching when the tool is set down on the workpiece.



Jetstream principle.

For up to 30 % less abrasive consumption. High-strength MPE plastic for a longer service life, even when sanding edges.



Efficient dust extraction.

Combine with a mobile dust extractor for a clear view and reliable health protection.

Eccentric sanders ETS 150/5 and 150/3 – The different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|-------------------|---|---|--|-----------|
| ETS 150/3 EQ-Plus | ● | ● | StickFix sanding pad dia. 150 mm (soft), 1 StickFix sanding disc, filter adapter, operating tool | 571549 |
| ETS 150/3 EQ | ● | – | StickFix sanding pad dia. 150 mm (soft), 1 StickFix sanding disc, filter adapter, operating tool | 571548 |
| ETS 150/3 EQ-C | ● | – | StickFix sanding pad dia. 150 mm (extra-soft), 1 StickFix sanding disc, operating tool | 571596 |
| ETS 150/5 EQ-Plus | ● | ● | StickFix sanding pad dia. 150 mm (soft), 1 StickFix sanding disc, filter adapter, operating tool | 571551 |
| ETS 150/5 EQ | ● | – | StickFix sanding pad dia. 150 mm (soft), 1 StickFix sanding disc, filter adapter, operating tool | 571550 |
| ETS 150/5 EQ-C | ● | – | StickFix sanding pad dia. 150 mm (extra-soft), 1 StickFix sanding disc, operating tool | 571553 |

Sanding

Eccentric sanders ETS 150/5 and ETS 150/3

Quality has its reasons.



The new grip cap that saves you energy.

The new Softgrip considerably improves ergonomics and your grip on the cap. This new guide accuracy allows you to sand both surfaces and profiles extremely thoroughly, whether horizontal, vertical or overhead – you won't need to exert force unnecessarily!



Strong exterior wall.

The reinforced housing wall significantly improves machine protection, especially in the area around the head of the ETS 150. The tool is remarkably light-weight even though the shock-resistant plastic is extremely robust.



Wet sanding is yesterday's news.

In many cases, the automotive trade still uses outdated wet sanding methods. With Festool systems, dry sanding is standard. The benefits include a low risk of error, economical time and cost savings and a consistently high surface quality.



Perfect surface quality.

The ETS 150 has two integral beneficial features for light, intermediate and fine sanding: intelligent MMC electronics and the smearing motion. Not forgetting the patented Jetstream principle, which prevents the abrasive from clogging.



Optimum durability.

Anyone investing in Festool products is rewarded with a long service life and minimum susceptibility to failure. From the development phase to delivery, we constantly check our machines, eg in a dust chamber, and continually improve them. The working results speak for themselves!



The lightest in its class.

The ETS 150 weighs just 1.8 kg, making it the lightest in its class (source: Festool test workshop). The performance does not suffer as a result, however. Fitted with MMC electronics and extremely robust, it is well equipped to deal with the most demanding long-running tasks.

Accessories for eccentric sanders ETS 150/5 and 150/3 can be found on page 189

For more information, visit www.festool.com.au

Sanding

Eccentric sander ES 125



Simple one-handed operation.

The ergonomic ES 125 has a 2 mm sanding stroke and is the ideal one-handed machine for maximum surface quality when finishing or pre-sanding. Weighing only 1.1 kg, it is perfect for vertical surfaces and overhead work. Technical features such as the sanding pad brake and the vibration stop put it in a different league altogether.



Outstanding handling.
Designed to fit your hand: 1.1 kg, compact, suitable for both right- and left-handers..



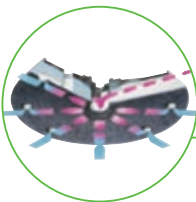
plug-it.
Change machines with a turn of the wrist. Cable breaks will not hold you up for long. Simply replace the cable and continue your work.



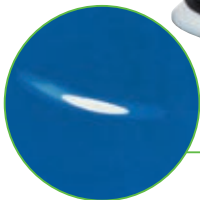
Electronics.
Infinitely adjustable speed for sanding adapted to the working material.



Integral dust extraction.
The ES 125 has a powerful integral dust extractor to protect your health and keep your working environment clean.



Jetstream principle.
For up to 30 % less abrasive consumption. High-strength MPE plastic for a longer service life, even when sanding edges.



Effective sanding pad brake.
Prevents scratching when the tool is set down on the workpiece.



Vibration stop.
The vibration stop ensures non-tiring work, even over longer periods.



Antistatic equipment.
The antistatic equipment prevents annoying static from developing when the machine is connected to a mobile dust extractor, allowing you to sand paint on metal.

Eccentric sander ES 125 – The different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|----------------------------|---|---|--|-----------|
| ES 125 EQ-Plus | ● | ● | StickFix sanding pad dia. 125 mm (soft), 1 StickFix sanding disc, filter adapter | 571567 |
| ES 125 EQ | ● | – | StickFix sanding pad dia. 125 mm (soft), 1 StickFix sanding disc, filter adapter | 571566 |
| ES 125 Q-Plus (n/a in Aus) | – | ● | StickFix sanding pad dia. 125 mm (soft), 1 StickFix sanding disc, filter adapter | 571561 |
| ES 125 Q (n/a in Aus) | – | – | StickFix sanding pad dia. 125 mm (soft), 1 StickFix sanding disc, filter adapter | 571562 |

Sanding

Eccentric sander ES 125

Small tool for delicate tasks.



Vertical, horizontal, high and low.

The ES 125 is so lightweight and handy that you can work on vertical surfaces or overhead with no problem at all, as well as operating comfortably with one hand and without unpleasant vibration.



No reworking.

The secret to producing a perfect polishing finish is good preparatory work. The ES 125 is the ideal partner for precise and delicate pre-sanding.



Your choice of dust extractor.

The ES 125 gives you the option of either using the integral turbo dust extractor or the mobile dust extractor to achieve almost 100% extraction. Festool mobile dust extractors can be connected directly without requiring an adapter.



Ideal for wooden surfaces.

The ES 125 is the perfect solution when preparing for tasks such as varnishing, waxing or oiling. The vibration stop also guarantees non-tiring work.



Absolutely flat.

When you need to produce top-class working results, a reliable tool is an absolute must. The precision ES 125 with smooth-running sanding pad lays absolutely flat on the surface and therefore fits the bill perfectly.



Manoeuvrable like no other.

The ES 125 is not just full of empty promises, it really is very manoeuvrable. You can guide it easily and accurately with only one hand thanks to its comfortable handle and low weight.

Sanding RUTSCHER® RS 100 CQ and RS 100 Q

The master of flat surfaces for coarse sanding.

With a 5 mm sanding stroke and powerful reduction gearing, the flat surface professionals from the RS 100 series are characterised by a high material removal rate for

improved economic efficiency over larger surfaces. The RS 100 Q also has an integral dust extractor.

Perfectly balanced.
The optimised centre of gravity ensures good ergonomics and non-tiring work.

Additional hand grip.
Additional hand grip for controlled handling on vertical surfaces.

Perfect sanding finish.
High-strength MPE plastic and a stable magnesium sanding base guarantee a perfect finish.



Everything under control.
The handle is designed so that all switches are easily accessible with one hand.

plug-it.
Change machines with a turn of the wrist. Cable breaks will not hold you up for long. Simply replace the cable and continue your work.

High material removal rate.
Thanks to a 5 mm sanding stroke and reduction gearing.

Festool gear-drive sanders with reduction gearing are always designed for heavy-duty material removal and are therefore suitable for sanding old, thick and stubborn coatings over large surfaces.



The optimised centre of gravity makes working with the RS 100 CQ a pleasurable experience.



Effortless work with the RS 100 CQ, even on vertical surfaces.



Reduction gearing for an extremely high material removal capacity and greater economic efficiency.



Clean working results with the RS 100 Q and integral dust extractor, and of course the dust bag is easy to change.

RUTSCHER® RS 100 Q and RS 100 CQ – The different options

S = with Systainer

| Model | S | Equipment/Scope of delivery | Order no. |
|----------------|---|--|-----------|
| RS 100 CQ-Plus | ● | 1 StickFix sanding disc, StickFix sanding pad 115 x 221 mm | 567797 |
| RS 100 CQ | – | 1 StickFix sanding disc, StickFix sanding pad 115 x 221 mm | 567781 |
| RS 100 Q-Plus | ● | 1 StickFix sanding disc, filter adapter, StickFix sanding pad 115 x 225 mm | 567756 |
| RS 100 Q | – | 1 StickFix sanding disc, filter adapter, StickFix sanding pad 115 x 225 mm | 567796 |

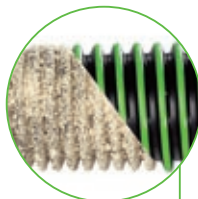


The master of surfaces for fine sanding.

The RS 200 produces outstanding quality over large surfaces: it has a 2.6 mm sanding stroke and direct drive; and its large sanding pad ensures economical intermediate varnish and final sanding, eg light sanding of doors or large surface areas on furniture. The ability to sand right into corners and edges minimises reworking.



Additional hand grip.
A convenient additional hand grip for reliable guidance.



Antistatic equipment.
The antistatic equipment prevents annoying static from developing when the machine is connected to a mobile dust extractor, allowing you to sand paint on metal.



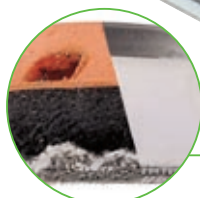
plug-it.
Change machines with a turn of the wrist. Cable breaks will not hold you up for long. Simply replace the cable and continue your work.



Integral dust extraction.
The RS 200 has a powerful integral dust extractor to protect your health.



Clamp lever.
Sanding discs are easy to change and attached securely with the clamp lever.



MPE sanding pad.
High-strength MPE plastic for a perfect finish and a long service life. StickFix adhesive layer for quick sanding pad changes.



Vibration stop.
VS balancing ensures non-tiring work, even over longer periods.



Efficient dust extraction.
Almost 100% extraction efficiency when combined with the mobile dust extractor, thereby offering maximum health protection.

RUTSCHER® RS 200 EQ – The different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|----------------------------|---|---|--|-----------|
| RS 200 EQ-Plus | ● | ● | 1 StickFix sanding disc, filter adapter, StickFix sanding pad 115 x 225 mm | 567812 |
| RS 200 EQ | ● | – | 1 StickFix sanding disc, filter adapter, StickFix sanding pad 115 x 225 mm | 567763 |
| RS 200 Q-Plus (n/a in Aus) | – | ● | 1 StickFix sanding disc, filter adapter, StickFix sanding pad 115 x 225 mm | 567762 |
| RS 200 Q | – | – | 1 StickFix sanding disc, filter adapter, StickFix sanding pad 115 x 225 mm | 567794 |



Multi-talented.

The RS 300 with direct drive is very similar to the RS 200, except for interchangeable sanding pads, which make it suitable for tasks that would otherwise need to be completed by hand. Simply change the sanding pad and continue with your work. Ideal for a wide range of applications in the workshop and on the construction site.

SANDING



Standard sanding pads can tackle all kinds of surface and even large areas.



The extended-length sanding pad can reach both sides of narrow spaces, eg louvres



The iron-shaped sanding pad can reach into every corner and also sand flat surfaces.

A multi-talent.

The RS 300 is mainly characterised by the effective combination of size, weight and sanding area, allowing it to be used for a wide variety of applications. Special sanding pads for narrow spaces, corners and edges make it even more universal.

Robust and a long service life.
The sturdy design makes the RS 300 stable and dust-protected bearings guarantee a long service life.

Ergonomic dome grip.
For continuous non-tiring work.

Antistatic equipment.
The antistatic equipment prevents annoying static from developing when the machine is connected to a mobile dust extractor, allowing you to sand paint on metal.

Different sanding pads.
Four different shapes of sanding pad are available for a wide range of applications.

MPE sanding pad.
High-strength MPE plastic for a perfect finish and a long service life. StickFix adhesive layer for quick sanding pad changes.

Electronics.
Infinitely adjustable speed for sanding adapted to the working material.

plug-it.
Change machines with a turn of the wrist. Cable breaks will not hold you up for long. Simply replace the cable and continue your work.

Efficient dust extraction.
Almost 100% extraction efficiency when combined with the mobile dust extractor, offering maximum health protection and keeping your workplace clean.

RUTSCHER® 300 EQ – The different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|-----------------------------------|---|---|--|---------------|
| RS 300 EQ-Plus | ● | ● | Filter adapter, 1 StickFix sanding disc, StickFix sanding pad 93 x 175 mm | 567493 |
| RS 300 EQ set | ● | ● | Filter adapter, 1 StickFix sanding disc, StickFix sanding pad 93 x 175 mm, iron-shaped sanding pad | 567795 |
| RS 300 EQ | ● | – | Filter adapter, 1 StickFix sanding disc, StickFix sanding pad 93 x 175 mm | 567784 |
| RS 300 Q-Plus (n/a in Aus) | – | ● | Filter adapter, 1 StickFix sanding disc, StickFix sanding pad 93 x 175 mm | 567487 |
| RS 300 Q | – | – | Filter adapter, 1 StickFix sanding disc, StickFix sanding pad 93 x 175 mm | 567499 |

Versatility with added value.



Sanding pad for corners.

Attaching the iron-shaped sanding pad to the RS 300 gives you a delta sander that can reach into the most awkward corners and edges as well as sand flat surfaces.



Integral dust extraction.

The dust extractor keeps the air clean and gives you a free view of the workpiece. A turbo filter or Festool mobile dust extractor can be connected, as required. One giant step towards a healthy working environment.



When things get a little tight.

Reach into every tiny gap with the extended-length sanding pad. This rectangular sanding pad is perfect for small spaces. You can sand around both sides of louvres, for example, and save yourself valuable time.



Perfect surface quality.

In applications involving fine and intermediate sanding, the RS 300 produces an outstanding surface quality with a perfect finish thanks to the sanding speed pre-selection function and direct drive.



Non-tiring work.

Sanding can be strenuous - unless you have an RS 300, of course. Firstly because the ergonomic design allows for easy guidance in both vertical and overhead positions and secondly because it operates quickly and steadily in places that other sanders can't even reach!



All-purpose.

Whether you need to sand behind a cable duct or into those awkward nooks and crannies - the possibilities are virtually unlimited. The RS 300 will soon pay dividends because it saves manual work and significantly improves your working results.

Sanding *RUTSCHER*® RS 400 and delta sander DS 400



Designed to fit your hand.

Need to complete fiddly, awkward surfaces in a hurry? Festool orbital sanders and 400 series delta sanders save you time on corners and edges and prevent unnecessary reworking. They are easy to guide, lightweight and perfect for one-handed operation, enabling you to work on vertical and overhead surfaces. The StickFix system for quick and easy sanding disc changes help you save valuable minutes in your daily race against the clock.



Small and compact for non-tiring sanding.



Effortless work, even on vertical and overhead surfaces.



One-handed operation: weighs only 1.1 kg and has an ergonomic handle grip.

The all-round ergonomic sander.

The DS 400 and RS 400 are ideal for working on vertical and overhead surfaces because of their compact design and weight of only 1.1 kg. The electronics improve working results and the vibration stop makes your work less strenuous.



Perfect one-handed operation.

Designed to fit your hand: 1.1 kg, compact with handle grip and suitable for both right and left handers.



plug-it.

Change machines with a turn of the wrist. Cable breaks will not hold you up for long. Simply replace the cable and continue your work.



Vibration stop.

The vibration stop ensures non-tiring work, even over longer periods.

DS 400

RS 400



Integral dust extraction.

Both have a powerful integral dust extractor to protect your health and keep your working environment clean.



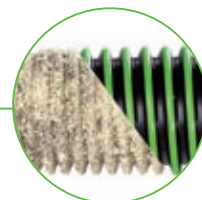
Electronics.

Infinitely adjustable speed for sanding adapted to the working material.



MPE sanding pad.

High-strength MPE plastic for a perfect finish and a long service life. StickFix burr layer for quick sanding pad changes.



Antistatic equipment.

The antistatic equipment prevents annoying static from developing when the machine is connected to a mobile dust extractor, allowing you to sand paint on metal.

Delta sander DS 400 and RUTSCHER® RS 400

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|----------------------------|---|---|--|-----------|
| DS 400 EQ-Plus | ● | ● | 1 StickFix sanding disc, filter adapter, StickFix sanding pad 100 x 150 mm | 567792 |
| DS 400 EQ | ● | – | 1 StickFix sanding disc, filter adapter, StickFix sanding pad 100 x 150 mm | 567556 |
| DS 400 Q-Plus (n/a in Aus) | – | ● | 1 StickFix sanding disc, filter adapter, StickFix sanding pad 100 x 150 mm | 567557 |
| DS 400 Q | – | – | 1 StickFix sanding disc, filter adapter, StickFix sanding pad 100 x 150 mm | 567793 |
| RS 400 EQ-Plus | ● | ● | 1 StickFix sanding disc, filter adapter, StickFix sanding pad 80 x 130 mm | 567563 |
| RS 400 EQ | ● | – | 1 StickFix sanding disc, filter adapter, StickFix sanding pad 80 x 130 mm | 567791 |
| RS 400 Q-Plus (n/a in Aus) | – | ● | 1 StickFix sanding disc, filter adapter, StickFix sanding pad 80 x 130 mm | 567554 |
| RS 400 Q | – | – | 1 StickFix sanding disc, filter adapter, StickFix sanding pad 80 x 130 mm | 567552 |

Sanding *RUTSCHER*® RS 400 and delta sander DS 400

Designed to fit your hand.



Perfect surface quality.

In applications involving fine and intermediate sanding, the RS 400 produces an outstanding surface quality with a perfect finish thanks to both the electronics, which ensure a controlled speed and direct drive. Perfect results!



Integral dust extraction.

The dust extractor keeps the air clean and gives you a free view of the workpiece. A turbo filter or Festool mobile dust extractor can be connected, as required. One giant step towards a healthy working environment.



One-handed operation.

Whether vertical or overhead surfaces: with a weight of only 1.1 kg, the RS 400 makes your work easier and allows you to operate the sander with one hand for longer periods without breaking sweat. The RS 400 makes sanding more economical.



Sanding in corners and along edges.

The DS 400 is in its element when fine sanding small, angular surfaces that are difficult to reach: small, compact and ideal for one-handed operation.



Non-tiring work.

Sanding can be strenuous - unless you have an RS 400, of course. Firstly because the ergonomic design allows for easy guidance in both vertical and overhead positions and secondly because it operates quickly and steadily in places that other sanders can't even reach!



No reworking.

The secret to producing a perfect sanding finish is good preparatory work. The DS 400 is exactly the right tool for delicate sanding.

Sanding

Triangular sander *DELTEX*® DX 93

The specialist for corners and edges.

The DELTEX is the perfect tool for efficient material removal over small surfaces with corners and edges: handy shape and

powerful thanks to its gear mechanism, it is perfect for one-handed operation.

- Electronics.**
Infinitely adjustable speed for sanding adapted to the working material.
- Maximum efficiency and service life.**
Robust design, durable, powerful bevel gears, dustproof encapsulation of the bearings.
- Rotatable sanding pad.**
High-strength sanding pad made from MPE: rotate the pad for maximum utilisation with the StickFix quick-change system.



- Antistatic equipment.**
The antistatic equipment prevents annoying static from developing when the machine is connected to a mobile dust extractor, allowing you to sand paint on metal.
- Dust extractor connection.**
For a clean workplace and clear view.
- Vibration stop.**
The vibration stop ensures non-tiring work, even over longer periods.

The robust DELTEX is perfect for sanding off thick coatings in awkward spots and the enclosed bevel gears guarantee an efficient rate of material removal. Quick rotation and replacement of sanding pads and abrasives is no problem thanks to the StickFix system.



The adjustable speed allows you to sand up to edges and into corners on different materials.



The DELTEX is just the right tool for sanding the corners of steps and risers.



Simply rotate the sanding pad and use the delta abrasive three times.



Easy changeovers: attach the extended-length sanding pad to sand in tight spaces.

Triangular sander *DELTEX*® DX 93 E – The different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|--------------|---|---|--|-----------|
| DX 93 E-Plus | ● | ● | Sanding base, StickFix sanding pad 93 V (soft), with pushbutton, StickFix extended-length sanding pad, 1 StickFix sanding disc | 567201 |
| DX 93 E | ● | – | Sanding base, StickFix sanding pad 93 V (soft), with pushbutton, StickFix extended-length sanding pad, 1 StickFix sanding disc | 567722 |

Sanding

Linear sander *DUPLEX*® LS 130



Taking sanding to a new dimension.

Sanding profiles, hand rails or rebates – tiresome tasks that are often performed by hand. Time to nip these in the bud.

The DUPLEX by Festool performs tasks such as these like clock-work, and produces a perfect surface finish.



Edge sanding, no knocking.

We have made rebates and profiles easier to sand by copying the motion used in manual sanding: a linear motion that does not knock to the sides.



Ergonomic design.

The DUPLEX was designed to fit snugly in your hand and be easy to guide, requiring less energy and making your work easier.



plug-it.

Change machines with a turn of the wrist. Cable breaks will not hold you up for long. Simply replace the cable and continue your work.



Long service life.

The whole machine is designed for a long service life. A robust drive, tight dust seal and vibration damping ensure trouble-free work.



Electronics.

The electronics enable precise speed adjustment. The DUPLEX can be easily adapted to the working material.



Wide selection.

The right sanding pad for every application and material.



FASTFIX® sanding pad changing.

The FastFix system for simple tool-less sanding pad changes that save you time and money.



Curves and profiles.

The DUPLEX is ideal for sanding curves and profiles, thanks to its linear motion, the DIY kit and a large selection of sanding pads.

Linear sander *DUPLEX*® LS 130 – The different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|----------------|---|---|---|---------------|
| LS 130 EQ-Plus | ● | ● | Standard StickFix profile sanding pad, 90° profile sanding pad, 1 sanding disc, 80 x 133 mm | 567752 |
| LS 130 EQ | ● | – | Standard StickFix profile sanding pad, 90° profile sanding pad, 1 sanding disc, 80 x 133 mm | 567755 |

DUPLEX® – linear is the way forward.



Manual sanding motion copied.

Thanks to the unique drive mechanism, the linear sanding motion of the DUPLEX imitates the motion used in manual sanding. A dual eccentric drive with no longitudinal guide keeps component wear to a minimum.



Making your work easier.

Even difficult spots are easy to sand with the DUPLEX principle. Its linear motion is identical to the normal motion used in manual sanding, making rebate edges on doors and windows easy to sand without having to attach annoying stops.



Why do it by hand?

Up to now, tradesmen have had no alternative but to sand hand rails or round wood manually. The DUPLEX is a machine that offers you a long-awaited alternative, because it can sand curved profiles more quickly and easily, and achieve better end results.



Flexibility is standard here.

In addition to the DIY kit for creating your own sanding pad, a large selection of ready-made solutions are available for the DUPLEX. From the curved profile sanding pad to the V-profile pad and the flute profile sanding pad to the scraper.



Changed in a snap.

FastFix sanding pads can be changed with little effort and without requiring tools, paving the way for you to use the machine for any suitable application. Simply detach, remove, attach a new pad and click back into position.



For any task.

If none of Festool's sanding pads are suitable for your work, Festool has the perfect solution: Create your own profiling sanding pads with the DIY kit in just a few minutes and several working steps.

Sanding

Rotary sanders RAS 115 and RAS 180

Heavy-duty sander.

Removing thick layers of varnish or paint on wood or metal requires either a great deal of patience or machines with an impressive material removal rate. The RAS

rotary sander by Festool is glad to oblige.

Note: Specifications apply to RAS 115 and RAS 180.

Handy motor housing.

The motor housing on the RAS 115 is only 58 mm in diameter and fits snugly in your hand for easy, effortless guidance.

FastFix® pad changing.

Changing the pad on the RAS is very easy. Simply press the button to release the spindle stop and then unscrew the pad – no tools needed.

Extraction hood.

The dust extraction hood can be directed towards the stream of dust, improving extraction and achieving healthier working conditions when used in combination with a mobile dust extractor.

MMC electronics.

Smooth start-up, controlled speed and a temperature control to protect against overload make the RAS ideal for demanding, continuous use.

Antistatic equipment.

The RAS has antistatic equipment fitted so that even removing paint on metal is safe and easy. The equipment protects the sanding dust against static charging.



Rotary sanders also incorporate typical Festool features. The drive technology is as powerful as it is reliable, and everything needed for effective dust extraction is provided. Sanding pad changes are easy thanks to the FastFix spindle stop. The comprehensive range of accessories allows for versatile use in many applications.



The RAS 115: powerful and easy to guide. The ideal partner for a high material removal rate, even over small surfaces.



The RAS 180 demonstrates its power and size over large surfaces with thick paint coatings.



Here you can see the benefits of efficient dust extraction: less dust in the air and less dust in your lungs.



The RAS 115 is ideal for removing paint, not least because of the MMC electronics and antistatic equipment.

Rotary sanders RAS 115 and RAS 180 – The different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|-------------------------|---|---|--|---------------|
| RAS 115.04 E set | ● | ● | Stickfix sanding pad dia. 115 (soft), sanding pad 2F dia. 115, Stickfix sanding discs, extraction hood, protective cover, additional hand grip, operating tool | 570742 |
| RAS 180.03 E-AH | ● | – | StickFix sanding pad dia. 180 (soft), 1 StickFix sanding disc, dust extraction hood with grip, operating tool | 570743 |

Accessories for rotary sanders RAS 115 and RAS 180 can be found on page 195 Technical data, see page 160/161 For more information, visit www.festool.com.au

Sanding

Belt sanders BS 75 and BS 105



Continuous precision.

Whether for coarse, fine or linear sanding, Festool belt sanders are a reliable partner and offer a unique advantage. Working in only one direction along the grain prevents sanding rings from developing, thereby eliminating laborious, tiresome reworking. Festool belt sanders are available in widths of 75 mm and 105 mm.

Accurate belt guidance.
The sanding belt is guided safely and accurately for efficient work and a perfect sanding finish. Precision adjustment ensures consistent accurate work after the belt is changed.

Dust extraction.
The integrated dust extractor guarantees clean working conditions. Belt sanders can also be connected to Festool mobile dust extractors.

Ergonomics.
The housings are narrow and the belt sanders have a perfect centre of gravity because the motor is installed lengthways.

Powerful motor.
Whether the BS 75 or the BS 105, the motors on Festool belt sanders are powerful and reliable.

Electronics.
The electronics ensure precision belt speed control to suit the working material, which in turn increases the working quality and makes reworking a thing of the past.

Graphite sanding base.
The graphite sanding base guarantees an excellent sanding finish and prevents the machine from seizing or stopping during the sanding process.

Sanding frame.
The sanding frame prevents the belt sander from tilting. The belt sander moves safely over the working surface once clamped in position. Fine brushes prevent the workpiece from being scratched.

Stationary use.
With the bench unit, you can turn a mobile belt sander into a stationary unit in an instant, allowing you to machine smaller workpieces more efficiently.

Belt sanders BS 75 and BS 105 – The different options

E = with electronics S = with Systainer

| Model | E | S | Equipment/Scope of delivery | Order no. |
|-----------------------------------|---|---|---|---------------|
| BS 75 E-Plus | ● | ● | 1 bench unit, 4 sanding belts P60, P80, P100, P120, 1 extraction adapter, 1 dust bag | 570203 |
| BS 75 E set | ● | ● | 1 flat area frame, 1 bench unit, 4 sanding belts P60, P80, P100, P120, 1 extraction adapter, 1 dust bag | 570214 |
| BS 75 E | ● | – | 1 sanding belt P100, 1 extraction adapter, 1 dust bag | 570213 |
| BS 75 | – | – | 1 sanding belt P100, 1 extraction adapter, 1 dust bag | 570230 |
| BS 105 E-Plus (n/a in Aus) | ● | ● | 1 bench unit, 4 sanding belts P60, P80, P100, P120, 1 extraction adapter, 1 dust bag | 570209 |
| BS 105 E set | ● | ● | 1 flat area frame, 1 bench unit, 4 sanding belts P60, P80, P100, P120, 1 extraction adapter, 1 dust bag | 570222 |
| BS 105 E | – | – | 1 sanding belt P100, 1 extraction adapter, 1 dust bag | 570210 |

Sanding

Belt sanders BS 75 and BS 105

The best basic conditions for sanding.



Quick attachment to frame.

Typically Festool: belt sanders that are lightweight, fast, can be fitted to the frame without requiring tools and are just as easy to remove. So there is nothing preventing you from using the belt sander for different applications.



Smooth touch down.

The flat area frame allows you to set the machine down smoothly onto the work-piece while it is running without damaging the surface. The belt sander and sanding frame are therefore also suitable for sanding veneered surfaces.



A frame for improved quality.

The flat area frame significantly increases the quality of your working results. Tipping and guiding the machine unsafely are a thing of the past. The brushes help the machine to glide smoothly over the surface without damaging it.



High coverage capacity.

Belt widths of 75 mm or 105 mm and hard-wearing coarse and fine sanding belts guarantee a high coverage capacity, assisted by the strong pulling force generated by the powerful motor.



Easy guidance.

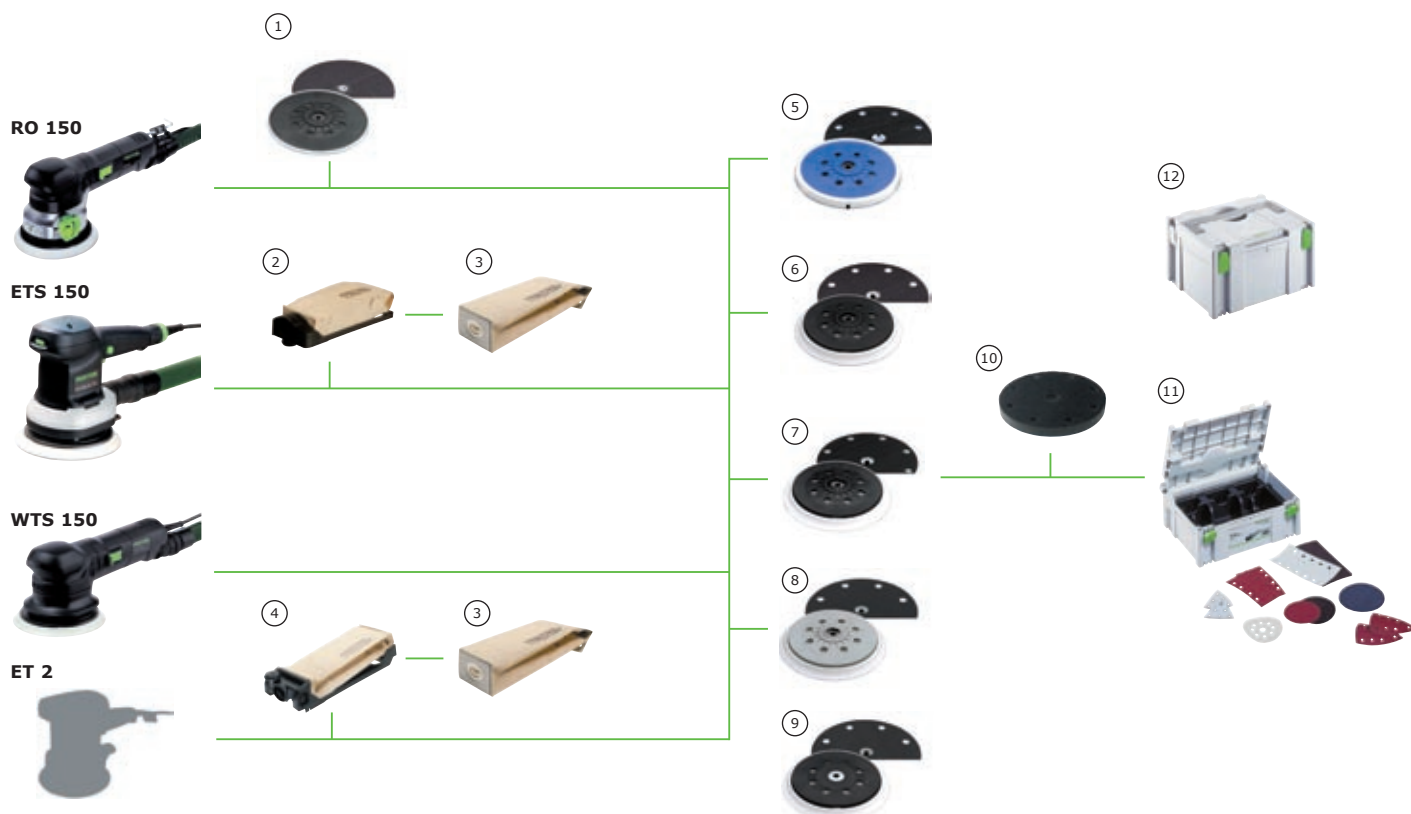
Festool belt sanders are designed to be easy and safe to guide, even without a flat area frame. The optimised centre of gravity and motor installed lengthways make this possible.



Stationary or mobile.

Belt sanders BS 75 and BS 105 have plenty of system accessories at their disposal. You could, for example, use the bench set to convert the machine for permanent installation in your workshop.

System overview and accessories

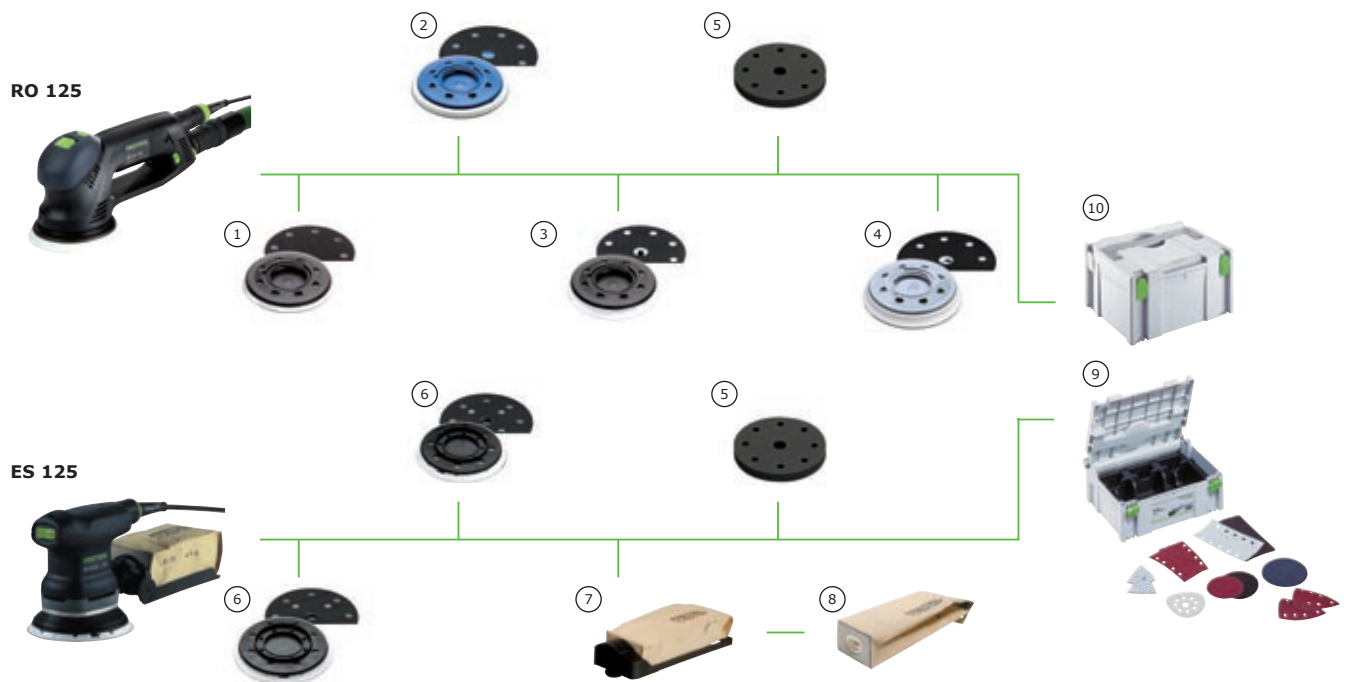


Accessories for gear-drive eccentric sander *ROTEX®* RO 150 and eccentric sanders, dia. 150 mm

| Product | Explanation | Order no. |
|--|---|---------------|
| ① Polishing pad PT-STF-D150-M8 | For RO 150, for attaching polishing accessories | 485748 |
| Polishing accessories | See "Polishing" section, from page 226 | |
| ② Turbo filter set TFS-ES 150 | For ES 150, ETS 150, consisting of a filter adapter and turbo filter | 489631 |
| ③ Turbo filter TF II-RS/ES/ET/25 | For RS 300, RS 3, RS 200, RS 2, ES 150, ETS 150, ET 2, qty. in pack: 25 | 487871 |
| Turbo filter TF II-RS/ES/ET/5 | For RS 300, RS 3, RS 200, RS 2, ES 150, ETS 150, ET 2, qty. in pack: 5 | 487779 |
| ④ Turbo filter set TFS II-ET/RS | For RS 300, RS 3, RS 200, RS 2, ET2, consisting of filter adapter and turbo filter | 487780 |
| ⑤ Sanding pad, hard ST-STF-D150/8-M8 H | For RO 150, ES 150, ETS 150, WTS 150, ET2, for flat surfaces and narrow edges, high edge resistance, connecting thread M8 | 484850 |
| ⑥ Sanding pad, soft ST-STF-D150/8-M8 W | For universal use on flat and curved surfaces, standard pad, diameter 150 mm, connecting thread M8 | 486381 |
| ⑦ Sanding pad ST-STF D 150/8-M8 W-HT | For demanding applications, grit up to P 220, extremely temperature-resistant burr, diameter 150 mm, connecting thread M8 | 491935 |
| ⑧ Sanding pad, extra-soft ST-STF-D150/8-M8 SW | For rounded areas and tight curves, elastic texture, diameter 150 mm, connecting thread M8 | 486382 |
| ⑨ Sanding pad, soft ST-STF-D150/6-5/16" W | For Hamach/Rupes: BR3/E/ST/E ST, TA151ST, for Orka: ROA1 D/E, DAA1 D/E, for Desoutter: Mod.575, Mod.576, diameter 150 mm, connecting thread 5/16 | 487971 |
| ⑩ Interface pad IP-STF-D145/8-STF | For sanding work on cambered parts and extra-fine sanding with eccentric sanders, dia. 150 mm, used as a cushioning device between sanding disc and sanding pad, height 15 mm, diameter 145 mm, qty. in pack: 1 | 492212 |
| ⑪ SYSTAINER SYS-STF D 150 | SYSTAINER size SYS 3, insert for abrasives, dia. 150 mm | 487431 |
| ⑫ Empty SYSTAINER | See "Systainers, Sortainers and Systainer Ports" Section from page 293 onwards | |

Sanding Accessories

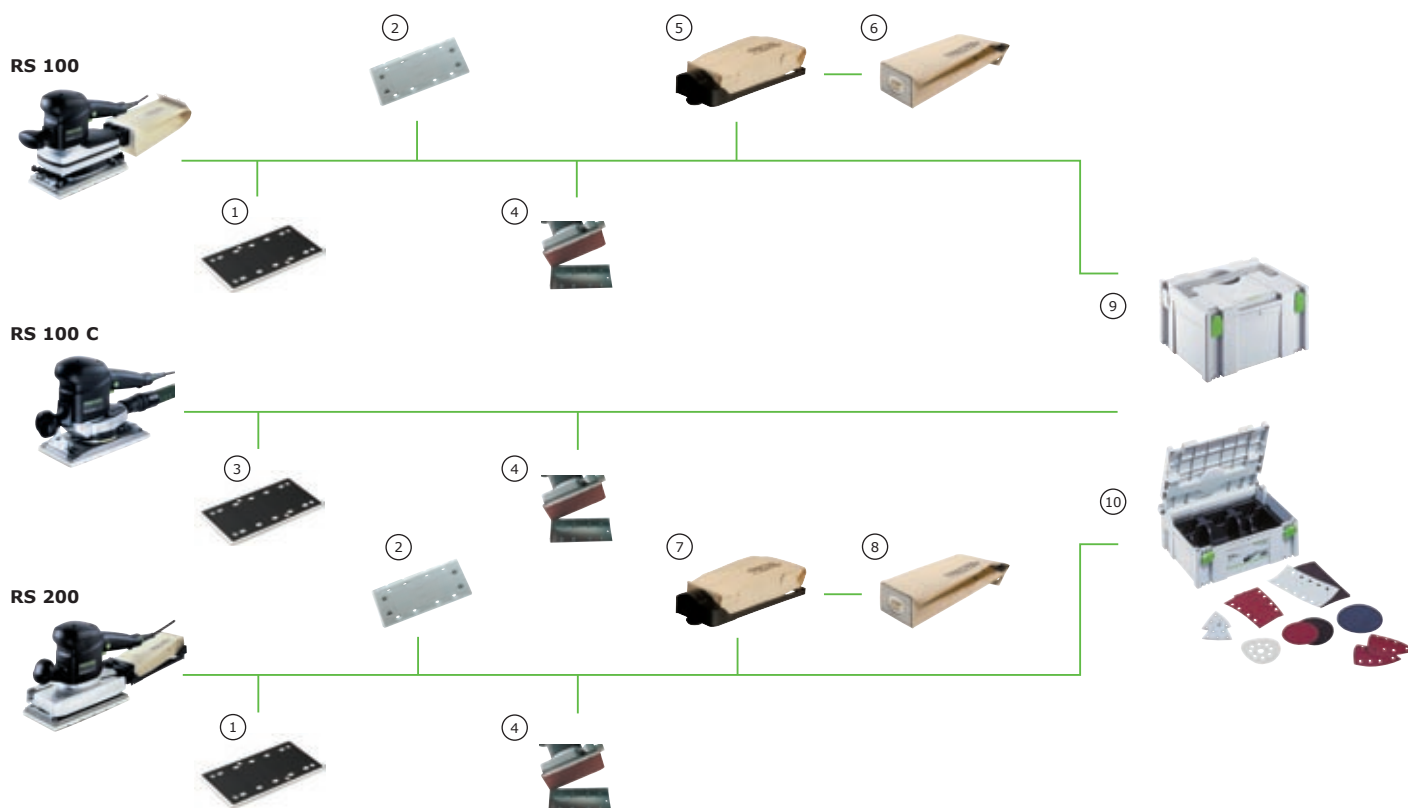
System overview and accessories



Accessories for gear-drive eccentric sander *ROTEX*® RO 125 and eccentric sander ES 125

| Product | Explanation | Order no. |
|---|---|---------------|
| ① FastFix polishing pad PT-STF D125 FX-RO125 | For RO 125, for attaching polishing accessories | 492128 |
| Polishing accessories | See "Polishing" section, from page 226 onwards | |
| ② FastFix sanding pad ST-STF D 125/8 FX-H | For RO 125, hard version, for flat surfaces and narrow edges, high edge resistance, FastFix, hole circle diameter 90 mm | 492127 |
| ③ FastFix sanding pad ST-STF D 125/8 FX-W-HT | For RO 125, soft version, for universal use on flat and curved surfaces, extremely temperature-resistant burr, FastFix, hole circle diameter 90 mm | 492125 |
| ④ FastFix sanding pad ST-STF D 125/8 FX-SW | For RO 125, extra-soft version, for rounded areas and tight curves, elastic texture, FastFix, hole circle diameter 90 mm | 492126 |
| ⑤ Interface pad IP-STF-D120/90/8 | Used as a cushioning device between sanding disc and sanding pad, for sanding work on cambered parts and extra-fine sanding with eccentric sanders, dia. 125 mm, height 15 mm, diameter 120 mm, hole circle diameter 90 mm, qty. in pack: 1 | 492271 |
| ⑥ Sanding pad ST-STF-ES125/90/8-M4 W-HT | For ES 125, soft version, for universal use on flat and curved surfaces, extremely temperature-resistant burr, hole circle diameter 90 mm, connecting thread M4 | 492280 |
| Sanding pad ST-STF-ES125/90/8-M4 SW | For ES 125, extra-soft version, elastic texture, for rounded areas and tight curves, hole circle diameter 90 mm, connecting thread: M4 | 492282 |
| ⑦ Turbo filter set TFS-RS 400 | For RS 400, DS 400, ES 125, consisting of a filter adapter and turbo filter | 489129 |
| ⑧ Turbo filter TF-RS 400/5 | For RS 400, DS 400, ES 125, qty. in pack: 5 | 489128 |
| Turbo filter TF-RS 400/25 | For RS 400, DS 400, ES 125, qty. in pack: 25 | 489127 |
| ⑨ SYSTAINER SYS-STF D 125 | SYSTAINER size SYS 1, with insert for abrasives, dia. 125 mm | 489463 |
| ⑩ Empty Systainer | See "SYSTAINERS, Sortainers and SYSTAINER Ports" Section from page 293 | |

System overview and accessories

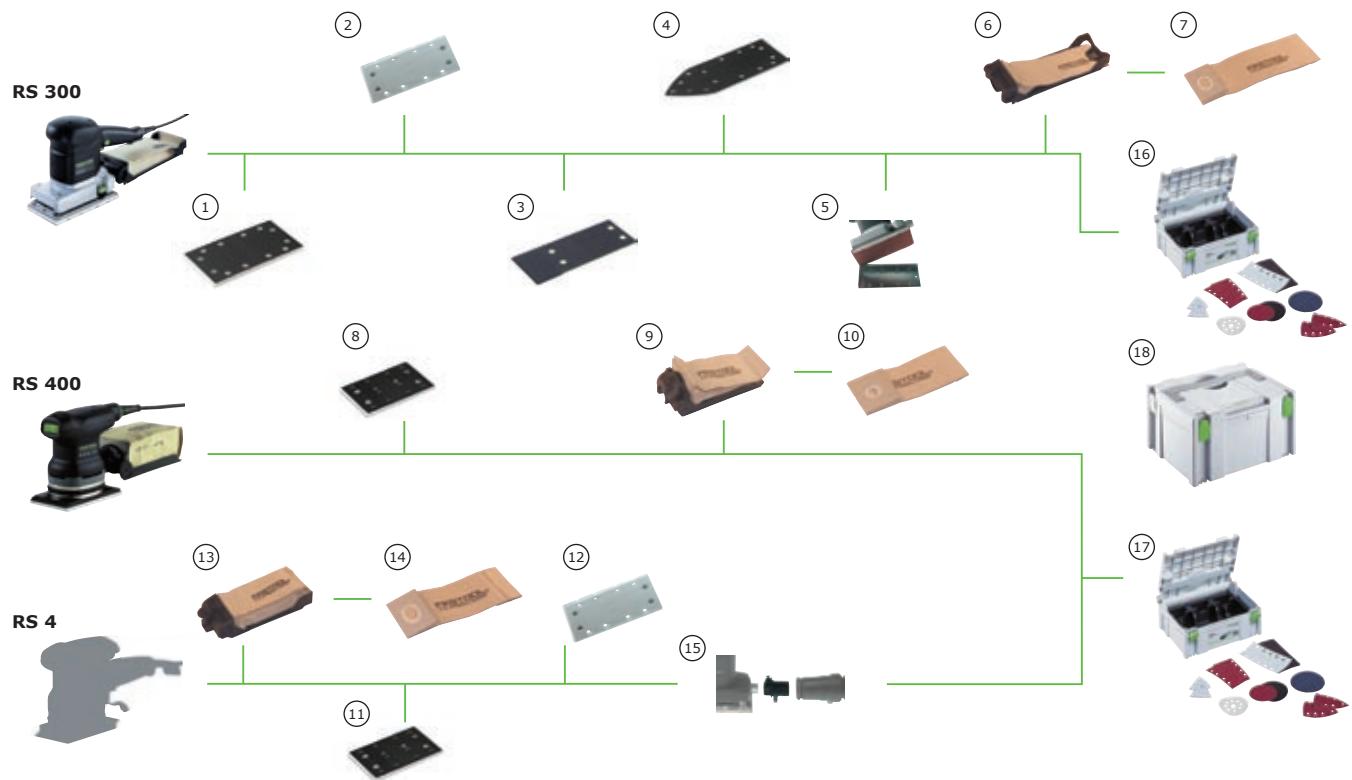


Accessories for *RUTSCHER*® RS 100, RS 100 C, RS 200

| Product | Explanation | Order no. |
|---|---|---------------|
| ① Stickfix sanding pad SSH-STF-115x225/10 | For RS 200, RS 2, RS 100, RS 1, dimensions 115 x 225 mm | 483679 |
| Stickfix sanding pad SSH-STF-115x225/10-KS | For RS 200, RS 2, RS 100, RS 1, with edge protection, dimensions 115 x 225 mm | 485648 |
| ② Sanding pad SSH-115x225/10 | For RS 200, RS 2, RS 100, RS 1, for clamping abrasives, dimensions 115 x 225 mm | 489629 |
| Sanding pad SSH-115x225/10-KS | For RS 200, RS 2, RS 100, RS 1, for clamping abrasives, with edge protection, dimensions 115 x 225 mm | 485647 |
| ③ Stickfix sanding pad SSH-STF-115x221/10 RS 1 C | For RS 100 C, RS 1 C, dimensions 115 x 221 mm | 488226 |
| ④ Hole punch 10L 115x225 | For RS 200, RS 2, RS 100, RS 100 C, RS 1, RS 1 C, LRB-IAS, number of holes: 10, dimensions 115 x 225 mm, for reproducing Festool hole pattern | 481523 |
| ⑤ Filter adapter | For RS 100 | 484542 |
| ⑥ Turbo filter TF-RS 1/5 | For RS 100, RS 1, qty. in pack: 5 | 483674 |
| ⑦ Turbo filter set TFS II-ET/RS | For RS 300, RS 3, RS 200, RS 2, ET2, consisting of filter adapter and turbo filter | 487780 |
| ⑧ Turbo filter TF II-RS/ES/ET/25 | For RS 300, RS 3, RS 200, RS 2, ES 150, ETS 150, ET 2, qty. in pack: 25 | 487871 |
| Turbo filter TF II-RS/ES/ET/5 | For RS 300, RS 3, RS 200, RS 2, ES 150, ETS 150, ET 2, qty. in pack: 5 | 487779 |
| ⑨ SYSTAINER SYS-STF 115x228 | SYSTAINER size SYS 2, insert for abrasives, 115 x 228 mm | 487433 |
| ⑩ Empty Systainer | See "Systainers, Sortainers and Systainer Ports" Section from page 293 onwards | |

SANDING Accessories

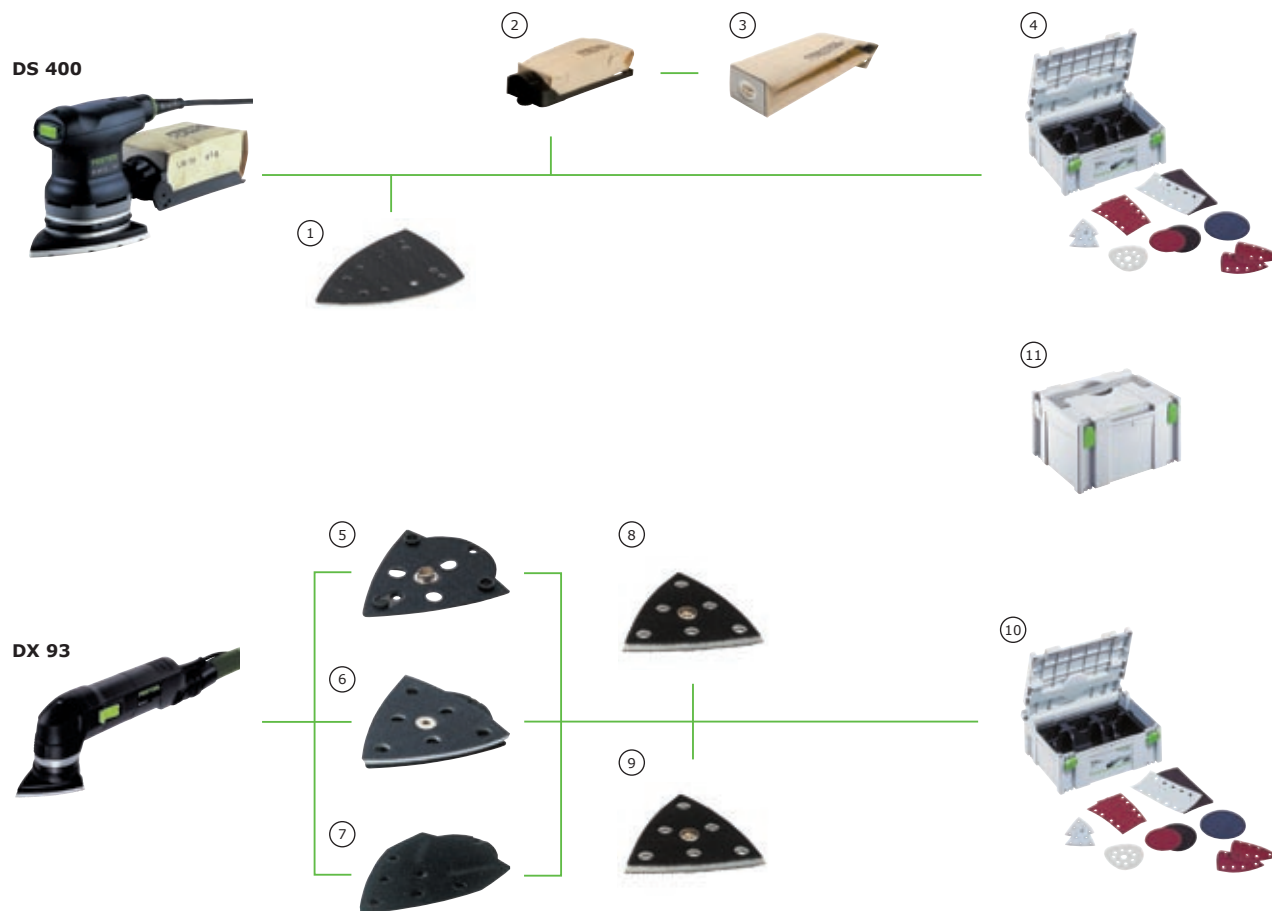
System overview and accessories



Accessories for RUTSCHER® RS 300, RS 400

| Product | Explanation | Order no. |
|--|--|---------------|
| ① Stickfix sanding pad SSH-STF-93x175/8 | For RS 300, RS 3, LRS 93, dimensions 93 x 175 mm | 483905 |
| ② Sanding pad SSH-93x175/8 | For RS 300, RS 3, LRS 93, for clamping abrasives, dimensions 93 x 175 mm | 489630 |
| ③ Stickfix sanding pad SSH-STF-L93x230/0 | For RS 300, RS 3, LRS 93, extended-length sanding pad version, dimensions 93 x 230 mm | 486371 |
| ④ Stickfix sanding pad SSH-STF-V93x266/14 | For RS 300, RS 3, LRS 93, iron-shaped sanding pad version, dimensions 93 x 266 mm | 486418 |
| ⑤ Hole punch 8L 93x175 | For RS 300, RS 3, LRS 93, number of holes: 8, for reproducing Festool hole pattern, dimensions 93 x 175 mm | 481903 |
| ⑥ Turbo filter set TFS II-ET/RS | For RS 300, RS 3, RS 200, RS 2, ET2, consisting of filter adapter and turbo filter | 487780 |
| ⑦ Turbo filter TF II-RS/ES/ET/25 | For RS 300, RS 3, RS 200, RS 2, ES 150, ETS 150, ET 2, qty. in pack: 25 | 487871 |
| Turbo filter TF II-RS/ES/ET/5 | For RS 300, RS 3, RS 200, RS 2, ES 150, ETS 150, ET 2, qty. in pack: 5 | 487779 |
| ⑧ Stickfix sanding pad SSH-STF-80x130/14 | For RS 400, dimensions 80 x 130 mm | 489252 |
| ⑨ Turbo filter set TFS-RS 400 | For RS 400, DS 400, ES 125, consisting of a filter adapter and turbo filter | 489129 |
| ⑩ Turbo filter TF-RS 400/5 | For RS 400, DS 400, ES 125, qty. in pack: 5 | 489128 |
| Turbo filter TF-RS 400/25 | For RS 400, DS 400, ES 125, qty. in pack: 25 | 489127 |
| ⑪ Stickfix sanding pad SSH-STF-80x130/8 | For RS 4, dimensions 80 x 130 mm | 483906 |
| ⑫ Sanding pad SSH-80x130/8 | For RS 4, for clamping abrasives, dimensions 80 x 130 mm | 491366 |
| ⑬ Turbo filter set TFS II-RS 4 | For RS 4, consisting of a filter adapter and turbo filter | 487705 |
| ⑭ Turbo filter TF II-RS 4/5 | For RS 4, qty. in pack: 5 | 487704 |
| ⑮ Extraction adapter AD-RS 4 | For RS 4, for connecting to suction hose | 482338 |
| ⑯ SYSTAINER SYS-STF 93x178/93V | SYSTAINER size SYS 2, with insert for abrasives, 93 x 178 mm | 487434 |
| ⑰ SYSTAINER SYS-STF D 80x133 | Systainer size SYS 1, with insert for abrasives, 80 x 133 mm | 487435 |
| ⑱ Empty Systainer | See "Systainers, Sortainers and Systainer Ports" Section from page 293 onwards | |

System overview and accessories

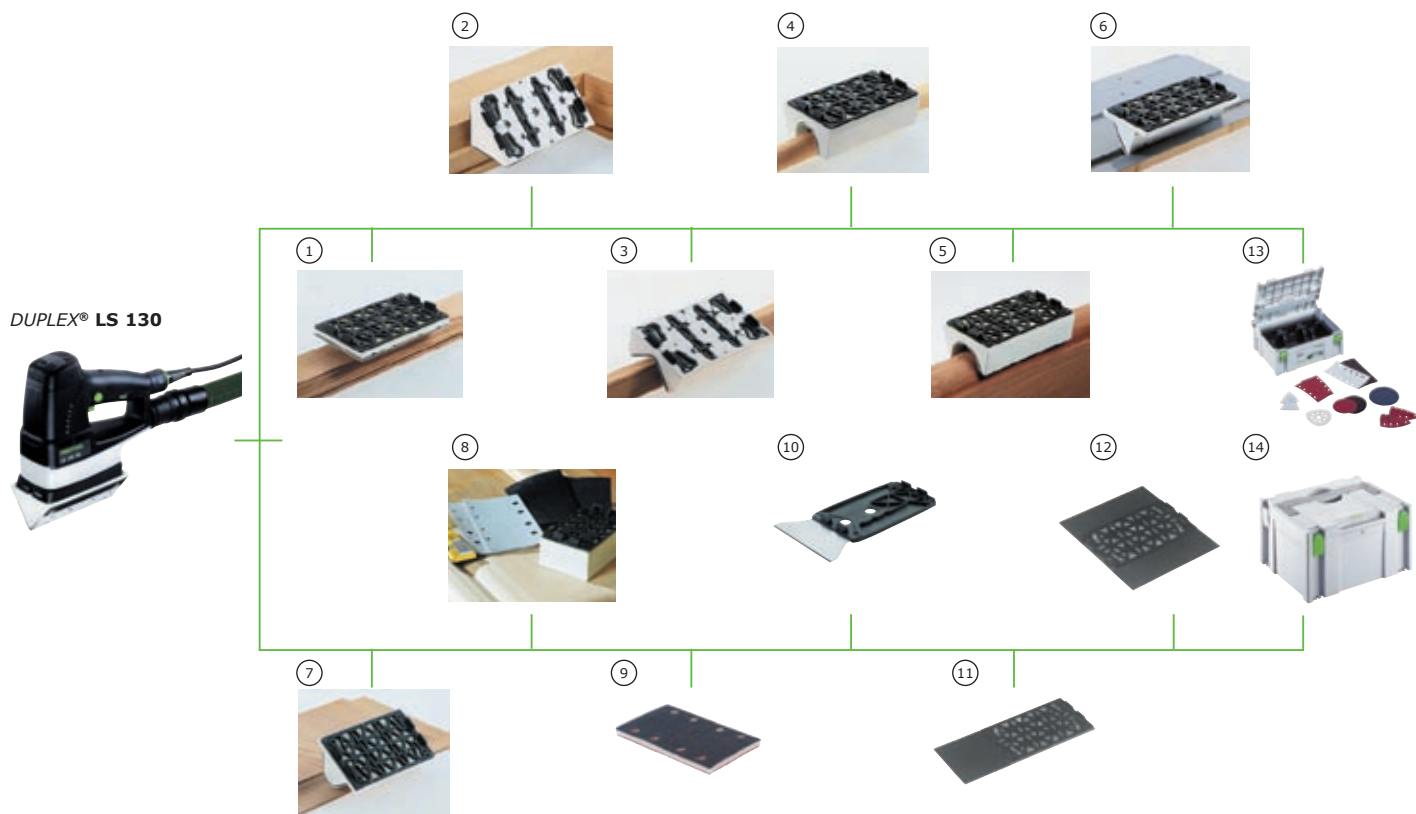


Accessories for delta sander DS 400, triangular sander DX 93

| Product | Explanation | Order no. |
|---|--|---------------|
| ① Stickfix sanding pad SSH-STF-Delta100x150/7 | For DS 400, dimensions 100 x 150 mm | 489126 |
| ② Turbo filter set TFS-RS 400 | For RS 400, DS 400, ES 125, consisting of a filter adapter and turbo filter | 489129 |
| ③ Turbo filter TF-RS 400/25 | For RS 400, DS 400, ES 125, qty. in pack: 25 | 489127 |
| Turbo filter TF-RS 400/5 | For RS 400, DS 400, ES 125, qty. in pack: 5 | 489128 |
| ④ SYSTAINER SYS-STF DELTA 100x151 | SYSTAINER size SYS 1, insert for abrasives, 100x150 mm | 489464 |
| ⑤ Sanding base TP-STF-DX93 | For DX 93, StickFix accessory for attaching sanding pads | 488717 |
| ⑥ Conversion kit DX 93 E TP-STF-V93-W | For DX 93, consisting of sanding base TP-STF-DX93 and sanding pad SSH-STF-V93/6-W, with pushbutton, StickFix | 488899 |
| ⑦ Extended-length sanding pad SSH-STF-V93L/7 | For DX 93, StickFix, qty. in pack: 1 | 488036 |
| ⑧ Stickfix sanding pad, soft SSH-STF-V93/6-W/2 | For DX 93, StickFix, with pushbutton, qty. in pack: 2 | 488715 |
| ⑨ Stickfix sanding pad, hard SSH-STF-V93/6-H/2 | For DX 93, StickFix, with pushbutton, qty. in pack: 2 | 488716 |
| ⑩ SYSTAINER SYS-STF 93 V | SYSTAINER size SYS 1, insert for abrasives, 93V | 487633 |
| ⑪ Empty Systainer | See "Systainers, Sortainers and Systainer Ports" Section from page 293 onwards | |

Sanding Accessories

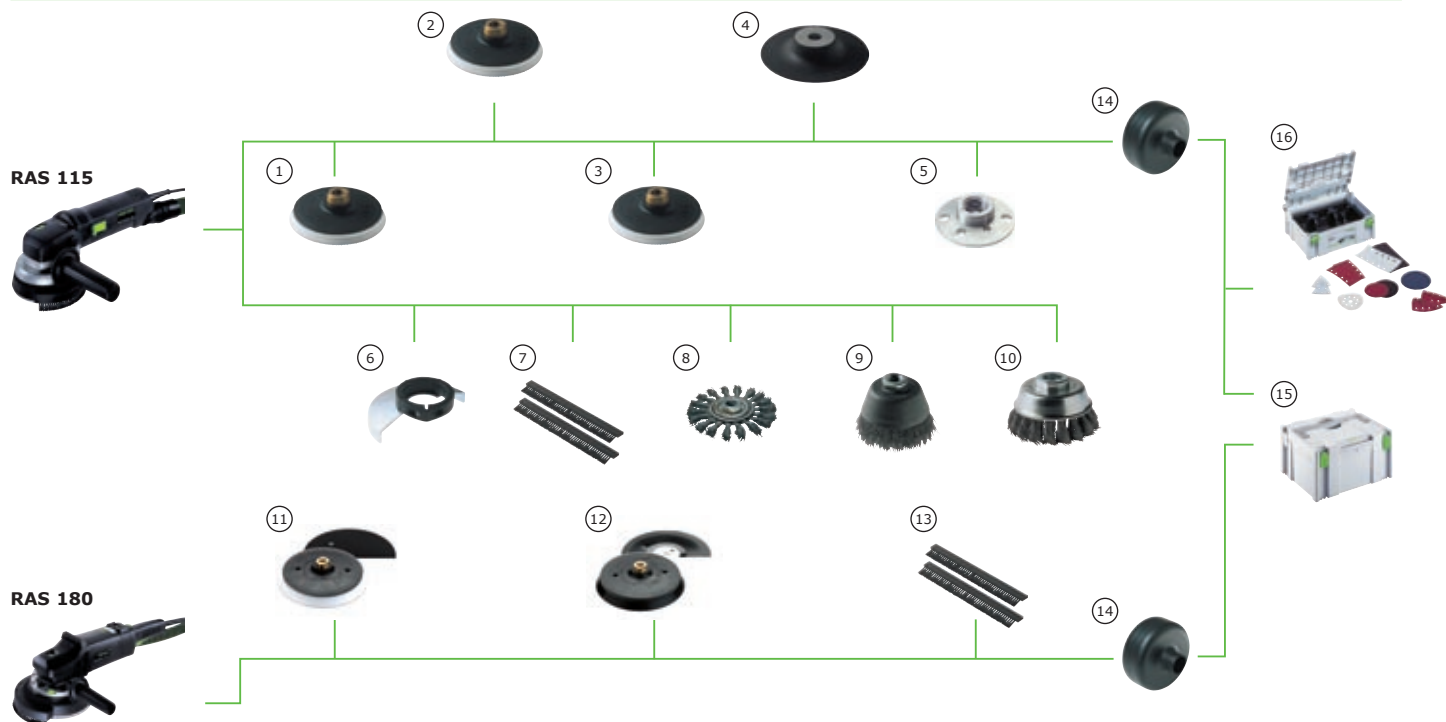
System overview and accessories



Accessories for linear sander *DUPLEX® LS 130*

| Product | Explanation | Order no. |
|--|---|---------------|
| ① Flat sanding pad SSH-STF-LS130-F | For LS 130, standard version, dimensions 80 x 130 mm | 490161 |
| ② Rebate profile sanding pad SSH-STF-LS130-90 GR | For LS 130, 90 degree, dimensions 80 x 130 mm | 490162 |
| ③ Curved profile sanding pad SSH-STF-LS130-R6KV | For LS 130, curve R6 concave, dimensions 80 x 130 mm | 490163 |
| Curved profile sanding pad SSH-STF-LS130-R10KV | For LS 130, curve R10 concave, dimensions 80 x 130 mm | 491197 |
| ④ Curved profile sanding pad SSH-STF-LS130-R18KV | For LS 130, curve R18 concave, dimensions 80 x 130 mm | 490164 |
| ⑤ Curved profile sanding pad SSH-STF-LS130-R25KV | For LS 130, curve R25 concave, dimensions 80 x 130 mm | 490165 |
| ⑥ V-groove profile sanding pad SSH-STF-LS130-V10 | For LS 130, 10 mm, dimensions 80 x 130 mm | 490166 |
| ⑦ Flute profile sanding pad, SSH-STF-LS130-R10KX | For LS 130, curve R10 convex, dimensions 80 x 130 mm | 491198 |
| Flute profile sanding pad, SSH-STF-LS130-R25KX | For LS 130, curve R25 convex, dimensions 80 x 130 mm | 490167 |
| ⑧ DIY kit SSH-STF-LS130 kit | For LS 130, kit for producing any kind of profile sanding pad | 490780 |
| ⑨ Interface pad IP-STF-80x133/14-STF LS130/2 | For LS 130, cushioning device between sanding pad and abrasive, dimensions 80 x 133 mm, qty. in pack: 2 | 490160 |
| ⑩ Scraper SSH-LS130-B100 | For LS 130, for removing coatings, width 100 mm | 491199 |
| ⑪ Extended-length sanding pad, long SSH-STF-LS130-LL195 | For LS 130, for sanding behind fittings and louvres, dimensions 80 x 195 mm | 491861 |
| ⑫ Extended-length sanding pad, wide SSH-STF-LS130-LB130 | For LS 130, for sanding louvres on both sides, dimensions 158 x 130 mm | 491862 |
| ⑬ SYSTAINER, SYS-STF D 80x133 | SYSTAINER size SYS1, insert for abrasives, 80 x 133 mm | 487435 |
| ⑭ Empty Systainer | See "Systainers, Sortainers and Systainer Ports" Section from page 293 onwards | |

System overview and accessories

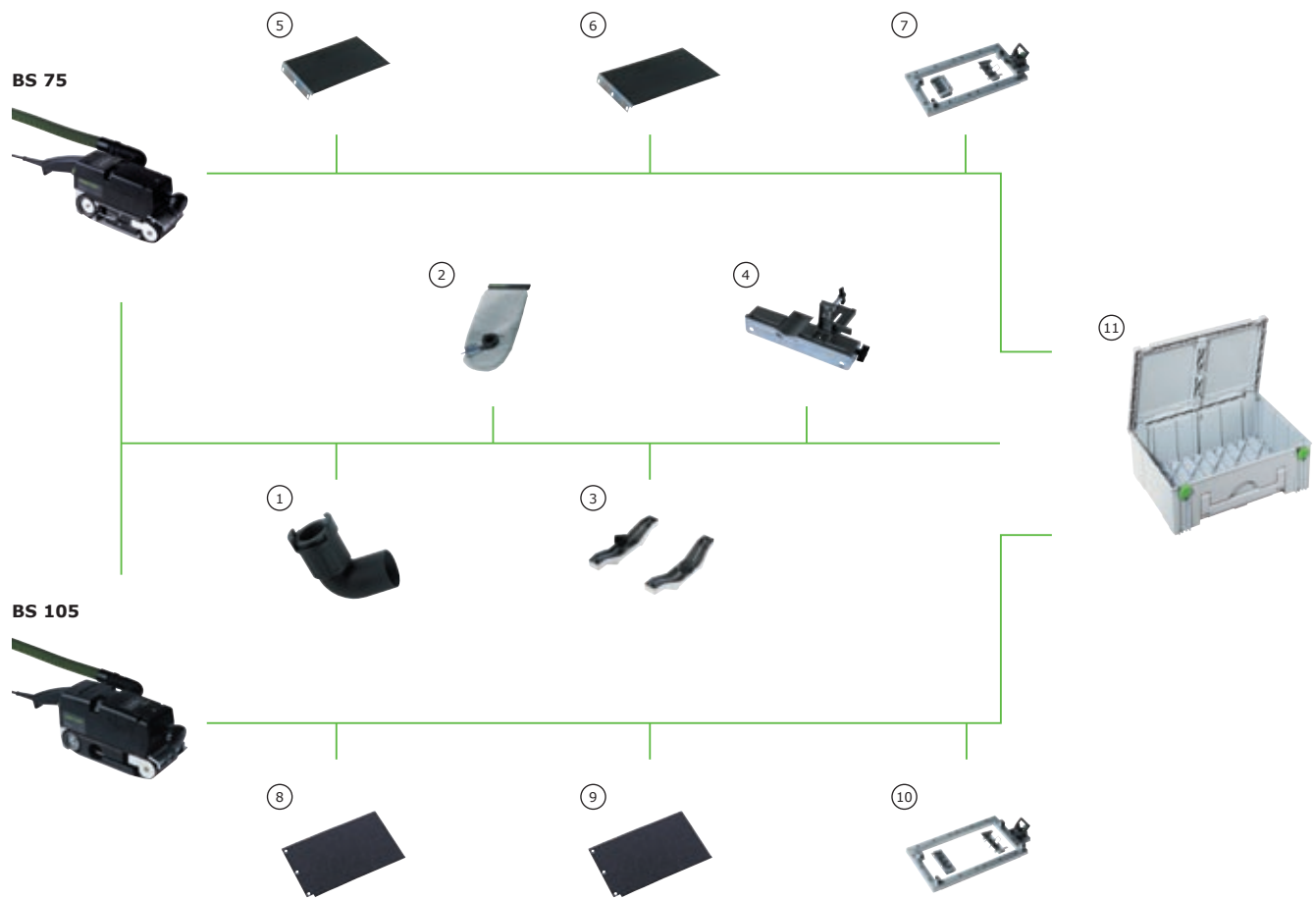


Accessories for rotary sanders RAS 115 and RAS 180

| Product | Explanation | Order no. |
|--|---|-----------|
| ① Sanding pad, soft ST-STF-D115/0-M14 W | For RAS 115, soft, elastic texture, for universal use on flat and curved surfaces, diameter 115 mm, connecting thread M14 | 484173 |
| ② Sanding pad, hard ST-STF-D115/0-M14 H | For RAS 115, hard, high edge resistance, for flat surfaces and narrow edges, diameter 115 mm, connecting thread M14 | 484172 |
| ③ Sanding pad ST-D115/0-M14/2F | For RAS 115, for fibre discs and long-life fibre discs D 115, clamping nut, diameter 115 mm, connecting thread M14 | 485298 |
| ④ Elastic sanding pad ST-D115/0-EL | For RAS 115, diameter 115 mm | 439580 |
| ⑤ Clamping nut SM-M14/D115 | For RAS 115, for securing Fiberfix sanding discs | 439581 |
| ⑥ Protective cover SH-RAS115 | For RAS 115 | 484753 |
| ⑦ Brush insert for RAS AHP-RAS D115/2 | For RAS 115, with plastic bristles, qty. in pack: 2 | 484727 |
| Brush insert for RAS AHM-RAS D115 | For RAS 115, with metal bristles, qty. in pack: 1 | 484728 |
| ⑧ Circular brush RB-D115/M14 RAS115 | For RAS 115, braided, for paint and rust removal and cleaning surfaces | 485096 |
| ⑨ Cup brush TB-D80/M14 RAS115 | For RAS 115, for removal of rust and slag, for uncoated metal surfaces, rippled | 485097 |
| ⑩ Cup brush TB-D65/M14 RAS115 | For RAS 115, braided, for paint and rust removal and cleaning surfaces | 485099 |
| ⑪ Sanding pad, soft ST-STF-D180/0-M14 W | For RAS 180, soft, elastic texture, for universal use on flat and curved surfaces, diameter 180 mm, connecting thread M14 | 485253 |
| ⑫ Sanding pad ST-D180/0-M14/2F | For RAS 180, for fibre discs D 180, diameter 180 mm, connecting thread M14 | 485296 |
| ⑬ Brush insert for RAS AHP-RAS D180 | For RAS 180, with plastic bristles, qty. in pack: 1 | 485274 |
| ⑭ Spark trap for dust extractor D 50 FL | For use when sanding materials that generate sparks | 484733 |
| ⑮ Empty Systainer | See "Systainers, Sortainers and Systainer Ports" Section from page 293 onwards | |
| ⑯ Abrasive SYSTAINER SYS-STF D 115 | For RAS 115, SYSTAINER size SYS 1, insert for abrasives, dia. 115 mm | 487432 |

Sanding Accessories

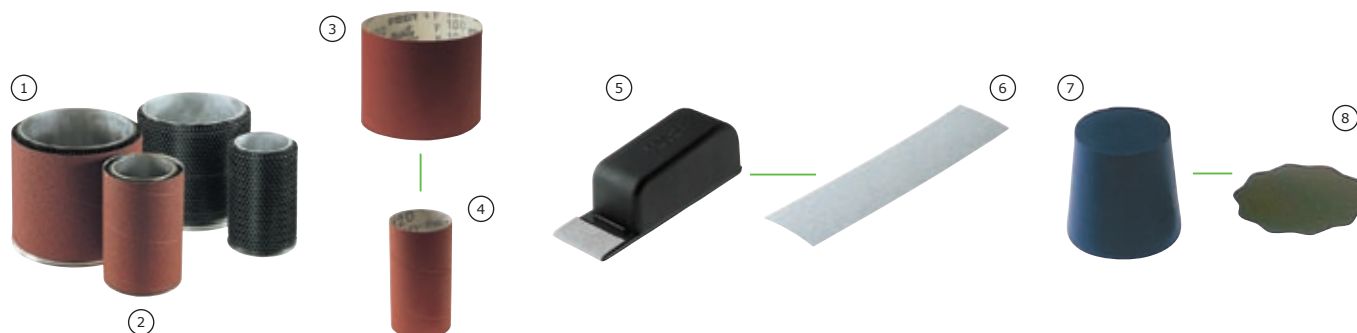
System overview and accessories



Accessories for belt sanders BS 75 and BS 105

| Product | Explanation | Order no. |
|---|--|---------------|
| ① Extraction adapter AA-BS75/105 | For BS 75, BS 105, qty. in pack: 1 | 490818 |
| ② Dust bag AS-BS75/105 | For BS 75, BS 105, qty. in pack: 1 | 490819 |
| ③ Bench unit SE-BS75/105 | For BS 75, BS 105, qty. in pack: 1 | 490820 |
| ④ Longitudinal stop LA-BS75/105 | For BS 75, BS 105, qty. in pack: 1 | 490821 |
| ⑤ Sanding base SU/GG-BS75 | For BS 75, made from fabric/graphite, qty. in pack: 2 | 490823 |
| ⑥ Sanding base SU/KM-BS75 | For BS 75, made from cork/metal for coarse sanding work, qty. in pack: 1 | 490824 |
| ⑦ Flat area frame FSR-BS75 | For BS 75, mounting element, qty. in pack: 1 | 490827 |
| ⑧ Sanding base SU/GG-BS105 | For BS 105, made from fabric/graphite, qty. in pack: 2 | 490825 |
| ⑨ Sanding base SU/KM-BS105 | For BS 105, made from cork/metal for coarse sanding work, qty. in pack: 1 | 490826 |
| ⑩ Flat area frame FSR-BS105 | For BS 105, mounting element, qty. in pack: 1 | 490828 |
| ⑪ Empty Systainer | See "Systainers, Sortainers and Systainer Ports" Section from page 293 onwards | |

System overview and accessories



Accessories for bench-mounted sanding, Pocket *StickFix*® and sanding block

| Product | Explanation | Order no. |
|--|--|---------------|
| ① Sanding drum ZW 145x120/30 | Outer diameter 145 mm, height 120 mm, hole diameter 30 mm, max. speed 3000 rpm | 485046 |
| Sanding drum ZW 145x120/35 | Outer diameter 145 mm, height 120 mm, hole diameter 35 mm, max. speed 3000 rpm | 489694 |
| Sanding drum ZW 145x120/50 | Outer diameter 145 mm, height 120 mm, hole diameter 50 mm, max. speed 3000 rpm | 485048 |
| ② Sanding drum ZWK 80x120/30 | Outer diameter 80 mm, height 120 mm, hole diameter 30 mm, max. speed 3000 rpm | 485049 |
| Sanding drum ZWK 80x120/35 | Outer diameter 80 mm, height 120 mm, hole diameter 35 mm, max. speed 3000 rpm | 489693 |
| Sanding drum ZWK 80x120/50 | Outer diameter 80 mm, height 120 mm, hole diameter 50 mm, max. speed 3000 rpm | 485051 |
| ③ Sanding sleeve SH-D145x120/0-P50-RU/8 | Rubin version, for sanding drum dia. 145 mm, grit P50, qty. in pack: 8 | 485041 |
| Sanding sleeve SH-D145x120/0-P80-RU/8 | Rubin version, for sanding drum dia. 145 mm, grit P80, qty. in pack: 8 | 485042 |
| Sanding sleeve SH-D145x120/0-P100-RU/8 | Rubin version, for sanding drum dia. 145 mm, grit P100, qty. in pack: 8 | 485043 |
| Sanding sleeve SH-D145x120/0-P120-RU/8 | Rubin version, for sanding drum dia. 145 mm, grit P120, qty. in pack: 8 | 485044 |
| Sanding sleeve SH-D145x120/0-P150-RU/8 | Rubin version, for sanding drum dia. 145 mm, grit P150, qty. in pack: 8 | 485045 |
| ④ Sanding sleeve SH-D80x120/0-P50-RU/8 | Rubin version, for sanding drum dia. 80 mm, grit P50, qty. in pack: 8 | 485036 |
| Sanding sleeve SH-D80x120/0-P80-RU/8 | Rubin version, for sanding drum dia. 80 mm, grit P80, qty. in pack: 8 | 485037 |
| Sanding sleeve SH-D80x120/0-P100-RU/8 | Rubin version, for sanding drum dia. 80 mm, grit P100, qty. in pack: 8 | 485038 |
| Sanding sleeve SH-D80x120/0-P120-RU/8 | Rubin version, for sanding drum dia. 80 mm, grit P120, qty. in pack: 8 | 485039 |
| Sanding sleeve SH-D80x120/0-P150-RU/8 | Rubin version, for sanding drum dia. 80 mm, grit P150, qty. in pack: 8 | 485040 |
| ⑤ Hand sanding block HSK-STF-46x178 | For holding StickFix abrasive sheets 46 x 178 mm | 583129 |
| ⑥ Sanding disc STF-46x178/0-P40-BR2/10 | Brilliant 2 version, for Pocket StickFix, grit P40, qty. in pack: 10 | 492843 |
| Sanding disc STF-46x178/0-P80-BR2/10 | Brilliant 2 version, for Pocket StickFix, grit P80, qty. in pack: 10 | 492844 |
| Sanding disc Brilliant, STF-46x178/0-P120-BR2/10 | Brilliant 2 version, for Pocket StickFix, grit P120, qty. in pack: 10 | 492845 |
| Sanding disc STF-46x178/0-P180-BR2/10 | Brilliant 2 version, for Pocket StickFix, grit P180, qty. in pack: 10 | 492846 |
| Sanding disc STF-46x178/0-Mix-BR2/10 | Brilliant 2 version, for Pocket StickFix, grit P40-P180, qty. in pack: 10, mixed | 492847 |
| ⑦ Spot sander RH-SK D 36/1 | For sanding stars D 36, qty. in pack: 1 | 493069 |
| ⑧ Sanding star SK-D36/0-S3000-TI2/100 | Titan 2 version, self-adhesive, in pouch, grit S3000, qty. in pack: 100 | 492366 |

Convincing in practice, not just in theory.

You can be sure that Festool has the right abrasive for every tool and every application. Whether coarse or fine sanding – the more compatible the abrasive is with the tool, the more efficient your work will be.

Support material:

Made from paper, cotton fabric or synthetic fibres, depending on requirements.

The high-quality support material may also be impregnated or latex-coated, depending on the application.

Grit:

There are both natural and synthetic grits, the grit in natural raw abrasives usually contains impurities.

Festool only uses high-quality, synthetic aluminium oxide.

Base and surface bonding:

Low-grade bonding causes the grit to break off more quickly. In high-quality abrasives, two layers of top-grade bonding material are applied to achieve the desired quality.

Festool uses a high-quality synthetic resin compound that boasts all the qualities of a superior bonding material: the base bonding is made from scotch glue and ensures flexibility. The surface bond is made from synthetic resin and guarantees maximum heat resistance, adhesion and resistance to grit breakage.

Coating:

The coating is instrumental in determining the useful life of the abrasive, ie how quickly it clogs during sanding.

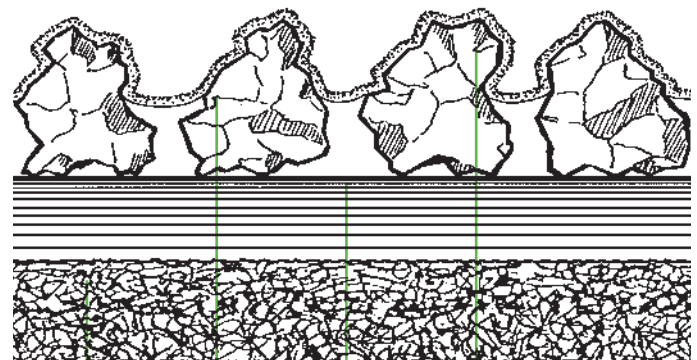
Special dust-repellant coatings are applied to Festool Platin 2 and Titan 2 abrasives to increase their useful life.

The Stickfix adhesive coating.

The coating that Festool uses is made from durable non-slip polyamide velour.

Festool StickFix abrasives are distinguished by quick, tool-less abrasive changes and maximum sanding capacity at all times.

And the result? You achieve better results! With Festool abrasives, you can exploit the technical potential of Festool sanders to the full while saving materials, work, time and money.



Flexible high-strength support material.

High-quality, synthetic grit for high sanding capacity.

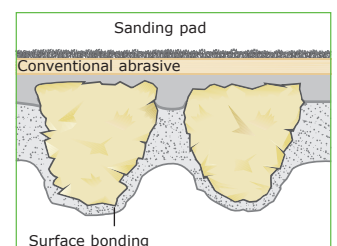
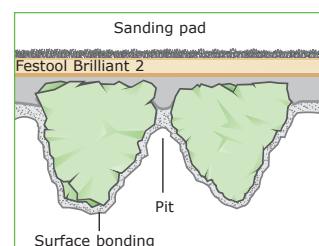
High-strength, heat-resistant bonding for maximum adhesion and resistance to grit breakage.

Dust-repellant coating that prevents clogging.

StickFix adhesive coating for quick, tool-less changes and repeated use.

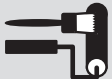





Festool's Brilliant 2 resists clogging in comparison with standard abrasive.

The optimised structure and shape of the abrasive grains and adapted surface bonding layer significantly improve the abrasive's ability to resist clogging. Brilliant 2 has deep pits, which have ample space for sanding dust to collect. Dust is extracted from



these pits before it clogs the abrasive. Brilliant 2 has a longer service life as a result. With conventional abrasives, however, the sanding dust cannot be extracted efficiently and the surface quickly clogs.

Festool offers six high-performance abrasives that were developed specifically for special finishes and materials: particularly suitable for the applications and target groups listed below.

| Abrasive type | Application/grit | Materials |
|--|---|---|
| FESTOOL Brilliant® 2  | High-performance abrasive for paint and varnish. Preliminary, intermediate and final sanding for painters, joiners, furniture makers and interior fitters P 40–P 400 | <ul style="list-style-type: none"> • Paints and varnishes: acrylic, nitro-cellulose and priming varnishes • Repair compound, fine and polyester filler • Plastics: thermoplastic and fibre-reinforced plastics • Undercoat, filler, protective paint, primer |
| FESTOOL Rubin®  | High-performance abrasive for wood. Preliminary and intermediate sanding for joiners, carpenters and painters in the woodworking and furniture industries P 24–P 180 | <ul style="list-style-type: none"> • Hard wood • Soft wood • Tropical wood • Wood composites • Varnishes, paints, nitro-cellulose paints • Old coats of paint, primed wood |
| FESTOOL Saphir®  | High-performance abrasives for extreme conditions. Sanding thick coatings on hard surfaces. P 24–P 120 | <ul style="list-style-type: none"> • Sanding reinforced concrete and fibre-reinforced plastics (GRP, CFRP etc) • Sanding well-set fillers • Sanding heavily worn stairs • Fine sanding of uncoated, roughened metal surfaces • Deburring, rust removal, de-scaling |
| FESTOOL Titan® 2  | High-performance abrasive for repair compounds, fillers and paintwork. Preliminary, intermediate and final sanding in paintshops and automotive repair workshops P 80–P 500, P 800–P 3000 | <ul style="list-style-type: none"> • Filling materials, synthetic resin, nitro-cellulose, thick-layer and combination fillers, priming filler • Primers, reaction primers • 2-component materials • Water-dilutable paints • Light sanding / matt sanding of varnish prior to repainting • Ceramic paints |
| FESTOOL Platin® 2  | High-performance abrasives for finishing mineral materials, high-gloss paints and plastics Finishing S 400–S 4000 | Finishing with grit greater than grade 600 in preparation for polishing <ul style="list-style-type: none"> • Mineral materials such as Corian®, Varicor®, Cristalan® • Acrylic glass, Plexiglas®, Perspex® • PUR high-gloss paint • Ceramic paints • Water-dilutable paints |
| FESTOOL Vlies®  | High-performance abrasives for light sanding, roughening, cleaning, degreasing and matting. Roughening, cleaning, degreasing and matting wood, paint, varnish and metal. A 120, A 280, S 800 | <ul style="list-style-type: none"> • Removing oxidation (efflorescence) from light alloys • Polishing non-ferrous/heavy metals • Polishing soldered points and joints at welded points • Pore deep cleaning of natural woods, veneered and lasered surfaces • Lightly sanding old coats of paint before repainting |

Sanding Abrasives



Ø 125mm

RO 125










ES 125



LEX 125



| FESTOOL Brilliant® 2 | | | | Grit | Contents | Order no. | Grit | Contents | Order no. |
|---|--|--|--|-------|----------|-----------|-------|----------|-----------|
|  High-performance abrasive for paint and varnish. Preliminary, intermediate and final sanding for painters, joiners, furniture makers and interior fitters P 40–P 400 | | | | P120 | 5 | 492953 | P120 | 100 | 492947 |
| | | | | P180 | 5 | 492954 | P150 | 100 | 492948 |
| | | | | P320 | 5 | 492955 | P180 | 100 | 492949 |
| | | | | P60 | 50 | 492944 | P220 | 100 | 492950 |
| | | | | P80 | 50 | 492945 | P320 | 100 | 492951 |
| | | | | P100 | 100 | 492946 | P400 | 100 | 492952 |
| | | | | | | | | | |
| FESTOOL Rubin® | | | | Grit | Contents | Order no. | Grit | Contents | Order no. |
|  High-performance abrasive for wood. Preliminary and intermediate sanding for joiners, carpenters and painters in the woodworking and furniture industries P 24–P 180 | | | | P50 | 5 | 493120 | P80 | 50 | 493115 |
| | | | | P80 | 5 | 493121 | P100 | 50 | 493116 |
| | | | | P100 | 5 | 493122 | P120 | 50 | 493117 |
| | | | | P120 | 5 | 493123 | P150 | 50 | 493118 |
| | | | | P50 | 50 | 493114 | P180 | 50 | 493119 |
| | | | | | | | | | |
| FESTOOL Saphir® | | | | Grit | Contents | Order no. | Grit | Contents | Order no. |
|  High-performance abrasives for extreme conditions. Sanding thick coatings on hard surfaces. P 24–P 120 | | | | P24 | 25 | 493124 | P50 | 25 | 493126 |
| | | | | P36 | 25 | 493125 | P80 | 25 | 493127 |
| | | | | | | | | | |
| FESTOOL Titan® 2 | | | | Grit | Contents | Order no. | Grit | Contents | Order no. |
|  High-performance abrasive for repair compounds, fillers and paintwork. Preliminary, intermediate and final sanding in paintshops and automotive repair workshops P 80–P 500, P 800–F 3000 | | | | P80 | 50 | 492966 | P320 | 100 | 492972 |
| | | | | P120 | 100 | 492967 | P360 | 100 | 492973 |
| | | | | P150 | 100 | 492968 | P400 | 100 | 492974 |
| | | | | P180 | 100 | 492969 | P1200 | 100 | 492363 |
| | | | | P220 | 100 | 492970 | P1500 | 100 | 492364 |
| | | | | P240 | 100 | 492971 | F3000 | 100 | 492365 |
| | | | | | | | | | |
| FESTOOL Platin® 2 | | | | Grit | Contents | Order no. | Grit | Contents | Order no. |
|  High-performance abrasives for finishing mineral materials, high-gloss paints and plastics Finishing; S 400-S 4000 | | | | S400 | 15 | 492373 | S500 | 15 | 492374 |
| | | | | S1000 | 15 | 492375 | S2000 | 15 | 492376 |
| | | | | S4000 | 15 | 492377 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| FESTOOL Vlies® | | | | Grit | Contents | Order no. | Grit | Contents | Order no. |
|  High-performance abrasive for light sanding. Roughening, cleaning, degreasing and matting wood, paint, varnish and metal. A 120, A 280, S 800 | | | | A120 | 5 | 488107 | A280 | 5 | 488108 |
| | | | | | | | | | |
| FESTOOL Brilliant® 2 | | | | Grit | Contents | Order no. | Grit | Contents | Order no. |
|  High-performance abrasive for paint and varnish. Preliminary, intermediate and final sanding for painters, joiners, furniture makers and interior fitters P 40–P 400 | | | | P40 | 5 | 492975 | P120 | 100 | 492983 |
| | | | | P120 | 5 | 492976 | P150 | 100 | 492984 |
| | | | | P180 | 5 | 492977 | P180 | 100 | 492985 |
| | | | | P320 | 5 | 492978 | P220 | 100 | 492986 |
| | | | | P40 | 50 | 492979 | P240 | 100 | 492987 |
| | | | | P60 | 50 | 492980 | P320 | 100 | 492988 |
| | | | | P80 | 50 | 492981 | P400 | 100 | 492989 |
| | | | | P100 | 100 | 492982 | | | |
| | | | | | | | | | |



Ø 150mm

RO 150





Ø 150mm

ETS 150



WTS 150



LEX 150



ET 2

**FESTOOL Rubin®****High-performance abrasive for wood.**

Preliminary and intermediate sanding for joiners, carpenters and painters in the wood-working and furniture industries

P 24–P 180

| Grit | Contents | Order no. | Grit | Contents | Order no. |
|------|----------|-----------|------|----------|-----------|
| P50 | 5 | 489482 | P50 | 50 | 486394 |
| P80 | 5 | 484107 | P80 | 50 | 486395 |
| P100 | 5 | 489483 | P100 | 50 | 486396 |
| P120 | 5 | 489484 | P120 | 50 | 486397 |
| P24 | 50 | 486392 | P150 | 50 | 486398 |
| P36 | 50 | 486393 | P180 | 50 | 486399 |

FESTOOL Saphir®**High-performance abrasives for extreme conditions.**

Sanding thick coatings on hard surfaces.

P 24–P 120

| Grit | Contents | Order no. | Grit | Contents | Order no. |
|------|----------|-----------|------|----------|-----------|
| P24 | 5 | 484105 | P50 | 25 | 486390 |
| P24 | 25 | 486388 | P80 | 25 | 486391 |
| P36 | 25 | 486389 | P100 | 25 | 491357 |

FESTOOL Titan® 2**High-performance abrasive for repair compounds, fillers and paintwork.**

Preliminary, intermediate and final sanding in paintshops and automotive repair workshops

P 80–P 500, P 800–F 3000

| Grit | Contents | Order no. | Grit | Contents | Order no. |
|------|----------|-----------|-------|----------|-----------|
| P80 | 50 | 492335 | P320 | 100 | 492343 |
| P100 | 100 | 492336 | P360 | 100 | 492344 |
| P120 | 100 | 492337 | P400 | 100 | 492345 |
| P150 | 100 | 492338 | P500 | 100 | 492346 |
| P180 | 100 | 492339 | P800 | 100 | 492347 |
| P220 | 100 | 492340 | P1200 | 100 | 492348 |
| P240 | 100 | 492341 | P1500 | 100 | 492349 |
| P280 | 100 | 492342 | | | |

FESTOOL Platin® 2**High-performance abrasives for finishing mineral materials, high-gloss paints and plastics**

Finishing; S 400–S 4000

| Grit | Contents | Order no. | Grit | Contents | Order no. |
|-------|----------|-----------|-------|----------|-----------|
| S400 | 15 | 492368 | S2000 | 15 | 492371 |
| S500 | 15 | 492369 | S4000 | 15 | 492372 |
| S1000 | 15 | 492370 | | | |

FESTOOL Vlies®**High-performance abrasive for light sanding.**

Roughening, cleaning, degreasing and matting wood, paint, varnish and metal.

A 120, A 280, S 800

| Grit | Contents | Order no. | Grit | Contents | Order no. |
|------|----------|-----------|------|----------|-----------|
| A100 | 5 | 482778 | S800 | 5 | 482780 |
| A280 | 5 | 482779 | | | |

FESTOOL Brilliant® 2**High-performance abrasive for paint and varnish.**

Preliminary, intermediate and final sanding for painters, joiners, furniture makers and interior fitters

P 40–P 400

| Grit | Contents | Order no. | Grit | Contents | Order no. |
|------|----------|-----------|------|----------|-----------|
| P40 | 50 | 493021 | P80 | 50 | 493023 |
| P60 | 50 | 493022 | P100 | 100 | 493024 |

FESTOOL Saphir®**High-performance abrasives for extreme conditions.**

Sanding thick coatings on hard surfaces.

P 24–P 120

| Grit | Contents | Order no. | Grit | Contents | Order no. |
|------|----------|-----------|------|----------|-----------|
| P24 | 25 | 491484 | P36 | 25 | 491483 |



Ø 185mm

LEX 185



Sanding Abrasives

|  Ø 185mm | FESTOOL Titan® 2 |  High-performance abrasive for repair compounds, fillers and paintwork. Preliminary, intermediate and final sanding in paintshops and automotive repair workshops P 80–P 500, P 800–F 3000 | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>P80</td><td>50</td><td>492744</td></tr><tr><td>P100</td><td>100</td><td>492745</td></tr><tr><td>P120</td><td>100</td><td>492746</td></tr><tr><td>P150</td><td>100</td><td>492747</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | P80 | 50 | 492744 | P100 | 100 | 492745 | P120 | 100 | 492746 | P150 | 100 | 492747 | | | | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>P180</td><td>100</td><td>492748</td></tr><tr><td>P240</td><td>100</td><td>492749</td></tr><tr><td>P320</td><td>100</td><td>492750</td></tr><tr><td>P360</td><td>100</td><td>492751</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | P180 | 100 | 492748 | P240 | 100 | 492749 | P320 | 100 | 492750 | P360 | 100 | 492751 | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--|----------|-----------|-----------|-----|--------|--------|------|--------|--|------|----------|---|------|----------|---|------|----------|--|--|----------|---|-----------|----------|-----------|--------|------|--------|--------|------|--------|---|------|----------|-----------|------|--------|--------|------|--------|--------|------|-----|--------|------|-----|--------|------|-----|--------|------|-----|--------|------|-----|--------|--|--|--|
| | Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P80 | 50 | 492744 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P100 | 100 | 492745 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P120 | 100 | 492746 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P150 | 100 | 492747 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P180 | 100 | 492748 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P240 | 100 | 492749 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P320 | 100 | 492750 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P360 | 100 | 492751 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  93V  DX 93 | FESTOOL Brilliant® 2 |  High-performance abrasive for paint and varnish. Preliminary, intermediate and final sanding for painters, joiners, furniture makers and interior fitters P 40–P 400 | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>P40</td><td>10</td><td>492879</td></tr><tr><td>P80</td><td>10</td><td>492880</td></tr><tr><td>P120</td><td>10</td><td>492881</td></tr><tr><td>P180</td><td>10</td><td>492882</td></tr><tr><td>P40</td><td>50</td><td>492883</td></tr><tr><td>P60</td><td>50</td><td>492884</td></tr><tr><td>P80</td><td>50</td><td>492885</td></tr><tr><td>P100</td><td>100</td><td>492886</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | P40 | 10 | 492879 | P80 | 10 | 492880 | P120 | 10 | 492881 | P180 | 10 | 492882 | P40 | 50 | 492883 | P60 | 50 | 492884 | P80 | 50 | 492885 | P100 | 100 | 492886 | | | | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>P120</td><td>100</td><td>492887</td></tr><tr><td>P150</td><td>100</td><td>492888</td></tr><tr><td>P180</td><td>100</td><td>492889</td></tr><tr><td>P220</td><td>100</td><td>492890</td></tr><tr><td>P240</td><td>100</td><td>492891</td></tr><tr><td>P320</td><td>100</td><td>492892</td></tr><tr><td>P400</td><td>100</td><td>492893</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | P120 | 100 | 492887 | P150 | 100 | 492888 | P180 | 100 | 492889 | P220 | 100 | 492890 | P240 | 100 | 492891 | P320 | 100 | 492892 | P400 | 100 | 492893 | | | |
| | Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P40 | 10 | 492879 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P80 | 10 | 492880 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P120 | 10 | 492881 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P180 | 10 | 492882 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P40 | 50 | 492883 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P60 | 50 | 492884 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P80 | 50 | 492885 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P100 | 100 | 492886 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P120 | 100 | 492887 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P150 | 100 | 492888 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P180 | 100 | 492889 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P220 | 100 | 492890 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P240 | 100 | 492891 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P320 | 100 | 492892 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P400 | 100 | 492893 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FESTOOL Rubin® |  High-performance abrasive for wood. Preliminary and intermediate sanding for joiners, carpenters and painters in the woodworking and furniture industries P 24–P 180 | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>P36</td><td>50</td><td>489158</td></tr><tr><td>P50</td><td>50</td><td>486449</td></tr><tr><td>P80</td><td>50</td><td>486450</td></tr><tr><td>P100</td><td>50</td><td>486451</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | P36 | 50 | 489158 | P50 | 50 | 486449 | P80 | 50 | 486450 | P100 | 50 | 486451 | | | | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>P120</td><td>50</td><td>486452</td></tr><tr><td>P150</td><td>50</td><td>486453</td></tr><tr><td>P180</td><td>50</td><td>486454</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | P120 | 50 | 486452 | P150 | 50 | 486453 | P180 | 50 | 486454 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P36 | 50 | 489158 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P50 | 50 | 486449 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P80 | 50 | 486450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P100 | 50 | 486451 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P120 | 50 | 486452 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P150 | 50 | 486453 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P180 | 50 | 486454 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FESTOOL Saphir® |  High-performance abrasives for extreme conditions. Sanding thick coatings on hard surfaces. P 24–P 120 | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>P24</td><td>25</td><td>487515</td></tr><tr><td>P40</td><td>25</td><td>487516</td></tr><tr><td>P60</td><td>25</td><td>487517</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | P24 | 25 | 487515 | P40 | 25 | 487516 | P60 | 25 | 487517 | | | | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>P80</td><td>25</td><td>487518</td></tr><tr><td>P100</td><td>50</td><td>487519</td></tr><tr><td>P120</td><td>50</td><td>487520</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | P80 | 25 | 487518 | P100 | 50 | 487519 | P120 | 50 | 487520 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P24 | 25 | 487515 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P40 | 25 | 487516 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P60 | 25 | 487517 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P80 | 25 | 487518 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P100 | 50 | 487519 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P120 | 50 | 487520 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FESTOOL Vlies® |  High-performance abrasive for light sanding. Roughening, cleaning, degreasing and matting wood, paint, varnish and metal. A 120, A 280, S 800 | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>A120</td><td>10</td><td>487605</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | A120 | 10 | 487605 | | | | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>A280</td><td>10</td><td>487606</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | A280 | 10 | 487606 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A120 | 10 | 487605 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A280 | 10 | 487606 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  80x133mm  RS 400  RS 4 | FESTOOL Brilliant® 2 |  High-performance abrasive for paint and varnish. Preliminary, intermediate and final sanding for painters, joiners, furniture makers and interior fitters P 40–P 400 | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>P40</td><td>10</td><td>492859</td></tr><tr><td>P80</td><td>10</td><td>492860</td></tr><tr><td>P120</td><td>10</td><td>492861</td></tr><tr><td>P180</td><td>10</td><td>492862</td></tr><tr><td>P40</td><td>50</td><td>492848</td></tr><tr><td>P60</td><td>50</td><td>492849</td></tr><tr><td>P80</td><td>50</td><td>492850</td></tr><tr><td>P100</td><td>100</td><td>492851</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | P40 | 10 | 492859 | P80 | 10 | 492860 | P120 | 10 | 492861 | P180 | 10 | 492862 | P40 | 50 | 492848 | P60 | 50 | 492849 | P80 | 50 | 492850 | P100 | 100 | 492851 | | | | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>P120</td><td>100</td><td>492852</td></tr><tr><td>P150</td><td>100</td><td>492853</td></tr><tr><td>P180</td><td>100</td><td>492854</td></tr><tr><td>P220</td><td>100</td><td>492855</td></tr><tr><td>P240</td><td>100</td><td>492856</td></tr><tr><td>P320</td><td>100</td><td>492857</td></tr><tr><td>P400</td><td>100</td><td>492858</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | P120 | 100 | 492852 | P150 | 100 | 492853 | P180 | 100 | 492854 | P220 | 100 | 492855 | P240 | 100 | 492856 | P320 | 100 | 492857 | P400 | 100 | 492858 | | | |
| | Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P40 | 10 | 492859 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P80 | 10 | 492860 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P120 | 10 | 492861 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P180 | 10 | 492862 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P40 | 50 | 492848 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P60 | 50 | 492849 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P80 | 50 | 492850 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P100 | 100 | 492851 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P120 | 100 | 492852 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P150 | 100 | 492853 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P180 | 100 | 492854 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P220 | 100 | 492855 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P240 | 100 | 492856 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P320 | 100 | 492857 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P400 | 100 | 492858 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FESTOOL Rubin® |  High-performance abrasive for wood. Preliminary and intermediate sanding for joiners, carpenters and painters in the woodworking and furniture industries P 24–P 180 | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>P50</td><td>10</td><td>490393</td></tr><tr><td>P80</td><td>10</td><td>490394</td></tr><tr><td>P100</td><td>10</td><td>490395</td></tr><tr><td>P120</td><td>10</td><td>490396</td></tr><tr><td>P50</td><td>50</td><td>490387</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | P50 | 10 | 490393 | P80 | 10 | 490394 | P100 | 10 | 490395 | P120 | 10 | 490396 | P50 | 50 | 490387 | | | | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>P80</td><td>50</td><td>490388</td></tr><tr><td>P100</td><td>50</td><td>490389</td></tr><tr><td>P120</td><td>50</td><td>490390</td></tr><tr><td>P150</td><td>50</td><td>490391</td></tr><tr><td>P180</td><td>50</td><td>490392</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | P80 | 50 | 490388 | P100 | 50 | 490389 | P120 | 50 | 490390 | P150 | 50 | 490391 | P180 | 50 | 490392 | | | | | | | | | | | | | | | | | | | |
| Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P50 | 10 | 490393 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P80 | 10 | 490394 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P100 | 10 | 490395 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P120 | 10 | 490396 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P50 | 50 | 490387 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P80 | 50 | 490388 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P100 | 50 | 490389 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P120 | 50 | 490390 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P150 | 50 | 490391 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P180 | 50 | 490392 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FESTOOL Vlies® |  High-performance abrasive for light sanding. Roughening, cleaning, degreasing and matting wood, paint, varnish and metal. A 120, A 280, S 800 | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>A100</td><td>5</td><td>483580</td></tr><tr><td>A280</td><td>5</td><td>483581</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | A100 | 5 | 483580 | A280 | 5 | 483581 | | | | <table><tr><th>Grit</th><th>Contents</th><th>Order no.</th></tr><tr><td>S800</td><td>5</td><td>483582</td></tr><tr><td></td><td></td><td></td></tr></table> | Grit | Contents | Order no. | S800 | 5 | 483582 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A100 | 5 | 483580 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A280 | 5 | 483581 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grit | Contents | Order no. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S800 | 5 | 483582 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | |
|--|---|--------------------------|----------|-----------|------|----------|-----------|
|  <p>80x400mm</p> <p>LRS 400</p>  | FESTOOL Titan® 2  High-performance abrasive for repair compounds, fillers and paintwork. Preliminary, intermediate and final sanding in paintshops and automotive repair workshops P 80–P 500, P 800–F 3000 | Grit | Contents | Order no. | Grit | Contents | Order no. |
| | | P40 | 50 | 493175 | P180 | 50 | 493179 |
| | | P60 | 50 | 493176 | P240 | 50 | 493616 |
| | | P80 | 50 | 493177 | P320 | 50 | 493617 |
| | | P120 | 50 | 493178 | | | |
|  <p>100x150mm</p> <p>DS 400</p>  | FESTOOL Brilliant® 2  High-performance abrasive for paint and varnish. Preliminary, intermediate and final sanding for painters, joiners, furniture makers and interior fitters P 40–P 400 | Grit | Contents | Order no. | Grit | Contents | Order no. |
| | | P40 | 10 | 492804 | P120 | 100 | 492797 |
| | | P80 | 10 | 492805 | P150 | 100 | 492798 |
| | | P120 | 10 | 492806 | P180 | 100 | 492799 |
| | | P180 | 10 | 492807 | P220 | 100 | 492800 |
| | | P40 | 50 | 492793 | P240 | 100 | 492801 |
| | | P60 | 50 | 492794 | P320 | 100 | 492802 |
| | | P80 | 50 | 492795 | P400 | 100 | 492803 |
| | | P100 | 100 | 492796 | | | |
| | FESTOOL Rubin®  High-performance abrasive for wood. Preliminary and intermediate sanding for joiners, carpenters and painters in the woodworking and furniture industries P 24–P 180 | Grit | Contents | Order no. | Grit | Contents | Order no. |
| | | P50 | 10 | 489478 | P80 | 50 | 489040 |
| | | P80 | 10 | 489479 | P100 | 50 | 489041 |
| | | P100 | 10 | 489480 | P120 | 50 | 489042 |
| | | P120 | 10 | 489481 | P150 | 50 | 489043 |
| | | P50 | 50 | 489039 | P180 | 50 | 489044 |
| | FESTOOL Vlies®  High-performance abrasive for light sanding. Roughening, cleaning, degreasing and matting wood, paint, varnish and metal. A 120, A 280, S 800 | Grit | Contents | Order no. | Grit | Contents | Order no. |
| | | A120 | 10 | 489045 | S800 | 10 | 489047 |
| | | A280 | 10 | 489046 | | | |
|  <p>93x178mm</p> <p>RS 300</p>  <p>LRS 93</p>  | FESTOOL Brilliant® 2  High-performance abrasive for paint and varnish. Preliminary, intermediate and final sanding for painters, joiners, furniture makers and interior fitters P 40–P 400 | Grit | Contents | Order no. | Grit | Contents | Order no. |
| | | P40 | 10 | 492907 | P120 | 100 | 492915 |
| | | P80 | 10 | 492908 | P150 | 100 | 492916 |
| | | P120 | 10 | 492909 | P180 | 100 | 492917 |
| | | P180 | 10 | 492910 | P220 | 100 | 492918 |
| | | P40 | 50 | 492911 | P240 | 100 | 492919 |
| | | P60 | 50 | 492912 | P320 | 100 | 492920 |
| | | P80 | 50 | 492913 | P400 | 100 | 492921 |
| | | P100 | 100 | 492914 | | | |
| | FESTOOL Rubin®  High-performance abrasive for wood. Preliminary and intermediate sanding for joiners, carpenters and painters in the woodworking and furniture industries | Grit | Contents | Order no. | Grit | Contents | Order no. |
| | | P50 | 10 | 489470 | P80 | 50 | 484391 |
| | | P80 | 10 | 489471 | P100 | 50 | 484392 |
| | | P100 | 10 | 489472 | P120 | 50 | 484393 |
| | | P120 | 10 | 489473 | P150 | 50 | 484394 |
| | | P50 | 50 | 484390 | P180 | 50 | 484395 |
| | | Rolls of abrasive | | | | | |
| | | P50 | 14 m | 439194 | P120 | 14 m | 439197 |
| | | P80 | 14 m | 439195 | P150 | 14 m | 439570 |
| | | P100 | 14 m | 439196 | P180 | 14 m | 439566 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Sanding Abrasives

| | | | |
|--|---|---|--|
|  <p>93x178mm</p> | FESTOOL Titan® 2  High-performance abrasive for repair compounds, fillers and paintwork. Preliminary, intermediate and final sanding in paintshops and automotive repair workshops P 80–P 500, P 800–F 3000 | Grit Contents Order no. P100 100 493554 P320 100 493556 | Grit Contents Order no. P150 100 493555 |
| | FESTOOL Vlies®  High-performance abrasive for light sanding. Roughening, cleaning, degreasing and matting wood, paint, varnish and metal. A 120, A 280, S 800 | Grit Contents Order no. A100 5 483583 A280 5 483584 | Grit Contents Order no. S800 5 483585 |
| | | | |
|  <p>115x228mm</p> | FESTOOL Brilliant® 2  High-performance abrasive for paint and varnish. Preliminary, intermediate and final sanding for painters, joiners, furniture makers and interior fitters P 40–P 400 | Grit Contents Order no. P40 10 492818 P80 10 492819 P120 10 492820 P180 10 492821 P40 50 492822 P60 50 492823 P80 50 492824 P100 100 492825 | Grit Contents Order no. P120 100 492826 P150 100 492827 P180 100 492828 P220 100 492829 P240 100 492830 P320 100 492831 P400 100 492832 |
| | FESTOOL Rubin®  High-performance abrasive for wood. Preliminary and intermediate sanding for joiners, carpenters and painters in the woodworking and furniture industries P 24–P 180 | Grit Contents Order no. P50 10 489474 P80 10 489475 P100 10 489476 P120 10 489477 P50 50 484404 | Grit Contents Order no. P80 50 484405 P100 50 484406 P120 50 484407 P150 50 484408 P180 50 484409 |
| | | | |
|  <p>RS 100</p> | FESTOOL Titan® 2  High-performance abrasive for repair compounds, fillers and paintwork. Preliminary, intermediate and final sanding in paintshops and automotive repair workshops P 80–P 500, P 800–F 3000 | Grit Contents Order no. P80 50 492738 P100 100 492739 P120 100 492740 | Grit Contents Order no. P150 100 492741 P180 100 492742 P220 100 492743 |
| | FESTOOL Vlies®  High-performance abrasive for light sanding. Roughening, cleaning, degreasing and matting wood, paint, varnish and metal. A 120, A 280, S 800 | Grit Contents Order no. A100 5 483586 A280 5 483587 | Grit Contents Order no. S800 5 483588 |
| | | | |
|  <p>RS 100 C</p> | | | |
| | | | |
| | | | |
|  <p>RS 200</p> | | | |
| | | | |
| | | | |

| | | | |
|---|---|---|---|
|  Ø 80mm | FESTOOL Platin® 2  High-performance abrasives for finishing mineral materials, high-gloss paints and plastics Finishing; S 400-S 4000 | Grit Contents Order no. S2000 15 492378 | Grit Contents Order no. S4000 15 492379 |
| | | | |
|  Ø 115mm  RAS 115 | FESTOOL Rubin®  High-performance abrasive for wood. Preliminary and intermediate sanding for joiners, carpenters and painters in the woodworking and furniture industries P 24-P 180 | Grit Contents Order no. P24 50 485914 P36 50 485915 P50 50 484158 P80 50 484159 | Grit Contents Order no. P100 50 484160 P120 50 484161 P150 50 484162 P180 50 484413 |
| | FESTOOL Saphir®  High-performance abrasives for extreme conditions. Sanding thick coatings on hard surfaces. P 24-P 120 | Grit Contents Order no. P24 25 484151 P36 25 484152 | Grit Contents Order no. P50 25 485245 P80 25 485246 |
| | FESTOOL Vlies®  High-performance abrasive for light sanding. Roughening, cleaning, degreasing and matting wood, paint, varnish and metal. A 120, A 280, S 800 | Grit Contents Order no. A80 10 484165 | Grit Contents Order no. A180 10 484166 |
| | FESTOOL Rubin®  High-performance abrasive for wood. Preliminary and intermediate sanding for joiners, carpenters and painters in the woodworking and furniture industries P 24-P 180 | Grit Contents Order no. P50 50 489075 P80 50 489076 P100 50 489077 | Grit Contents Order no. P120 50 489078 P150 50 489079 P180 50 489080 |
| | FESTOOL Saphir®  High-performance abrasives for extreme conditions. Sanding thick coatings on hard surfaces. P 24-P 120 | Grit Contents Order no. P24 25 485239 P36 25 485240 | Grit Contents Order no. P50 25 485241 P80 25 485242 |
| | FESTOOL Vlies®  High-performance abrasive for light sanding. Roughening, cleaning, degreasing and matting wood, paint, varnish and metal. A 120, A 280, S 800 | Grit Contents Order no. A80 10 485243 | Grit Contents Order no. A180 10 485244 |
| | FESTOOL Brilliant® 2  High-performance abrasive for paint and varnish. Preliminary, intermediate and final sanding for painters, joiners, furniture makers and interior fitters P 40-P 400 | Grit Contents Order no. P16 25 493027 P24 25 493028 P40 25 493029 P60 25 493030 | Grit Contents Order no. P80 25 493031 P100 25 493032 P120 25 493033 |
| |  Ø 225mm | | |

Sanding Abrasives

| | | | | | | | |
|--|---|-------|----------|-----------|-------|----------|-----------|
|  <p>533x75 mm</p> <p>BS 75</p> | FESTOOL Rubin®  High-performance abrasive for wood. Preliminary and intermediate sanding for joiners, carpenters and painters in the woodworking and furniture industries P 24–P 180 | Grit | Contents | Order no. | Grit | Contents | Order no. |
| | | P40 | 10 | 490794 | P120 | 10 | 490798 |
| | | P60 | 10 | 490795 | P150 | 10 | 490799 |
| | | P80 | 10 | 490796 | P180 | 10 | 491768 |
| | | P100 | 10 | 490797 | P220 | 10 | 490800 |
|  <p>620x105 mm</p> <p>BS 105</p> | FESTOOL Rubin®  High-performance abrasive for wood. Preliminary and intermediate sanding for joiners, carpenters and painters in the woodworking and furniture industries P 24–P 180 | Grit | Contents | Order no. | Grit | Contents | Order no. |
| | | P40 | 10 | 490811 | P120 | 10 | 490815 |
| | | P60 | 10 | 490812 | P150 | 10 | 490816 |
| | | P80 | 10 | 490813 | P180 | 10 | 491769 |
| | | P100 | 10 | 490814 | P220 | 10 | 490817 |
|  <p>820x120 mm</p> <p>CMB 120</p> | FESTOOL Saphir®  High-performance abrasives for extreme conditions. Sanding thick coatings on hard surfaces. P 24–P 120 | Grit | Contents | Order no. | Grit | Contents | Order no. |
| | | P50 | 10 | 488081 | P120 | 10 | 488084 |
| | | P80 | 10 | 488082 | P150 | 10 | 488085 |
| | | P100 | 10 | 488083 | P180 | 10 | 488086 |
| | | | | | | | |
| <p>Ø 80 mm</p> <p>Sanding sleeves</p>  <p>Ø 145 mm</p> | FESTOOL Rubin®  High-performance abrasive for wood. Preliminary and intermediate sanding for joiners, carpenters and painters in the woodworking and furniture industries P 24–P 180 | Grit | Contents | Order no. | Grit | Contents | Order no. |
| | | P50 | 8 | 485036 | P120 | 8 | 485039 |
| | | P80 | 8 | 485037 | P150 | 8 | 485040 |
| | | P100 | 8 | 485038 | | | |
| | FESTOOL Rubin®  High-performance abrasive for wood. Preliminary and intermediate sanding for joiners, carpenters and painters in the woodworking and furniture industries P 24–P 180 | Grit | Contents | Order no. | Grit | Contents | Order no. |
| | | P50 | 8 | 485041 | P120 | 8 | 485044 |
| | | P80 | 8 | 485042 | P150 | 8 | 485045 |
| | | P100 | 8 | 485043 | | | |
| <p>StickFix spot sander</p>  <p>Ø 36 mm</p> | FESTOOL Titan® 2  High-performance abrasive for repair compounds, fillers and paintwork. Preliminary, intermediate and final sanding in paintshops and automotive repair workshops P 80–P 500, P 800–F 3000 | Grit | Contents | Order no. | Grit | Contents | Order no. |
| | | S3000 | 100 | 492366 | P2500 | 1000 | 489341 |
| <p>Pocket Stickfix hand sanding block</p>  <p>46x178 mm</p> | FESTOOL Brilliant® 2  High-performance abrasive for paint and varnish. Preliminary, intermediate and final sanding for painters, joiners, furniture makers and interior fitters P 40–P 400 | Grit | Contents | Order no. | Grit | Contents | Order no. |
| | | P40 | 10 | 492843 | P180 | 10 | 492846 |
| | | P80 | 10 | 492844 | mix | 10 | 492847 |
| | | P120 | 10 | 492845 | | | |

Experience our sanders online!

For comprehensive information on sanders, the world of abrasives and sanding accessories, and application tips, visit

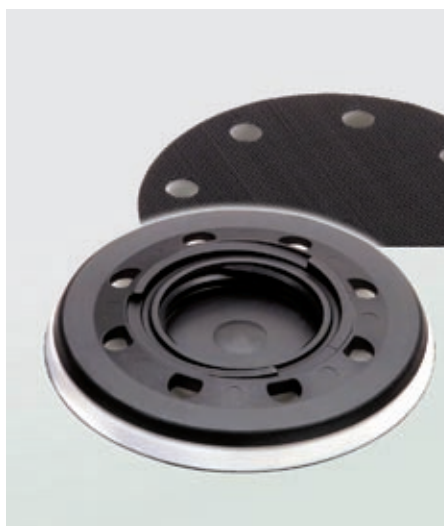
www.festool.com.au

You will also find:

- all other top-quality products by Festool
- a complete range of accessories
- 3-D animation
- a dealer search
- service information
- and lots more



Machines ...



... accessories ...



... and abrasives at a glance! All this and more at **www.festool.com.au**

Best results with the right pressure.

A robust and reliable machine is the best solution for tough workshop applications and continuous industrial use; particularly when this machine is integral to an overall system. As with Festool pneumatic tools. Orbital sanders and eccentric sanders, together with the IAS 2 integral extraction system, offer tailor-made solutions that tackle virtually any sanding task.



Sanders with staying power

Page **210**

The tools at a glance

Compressed air eccentric sanders LEX 2

Compressed air *RUTSCHER*®

LRS 93, LRS 400

Page **212**

Applications

Page **211** **Accessories**

Page **217**



Sanding with compressed air

Compressed air eccentric sanders

Sanders with staying power.



Robust, reliable tools are a must for tough sanding applications in the workshop and continuous industrial use. The Festool range of compressed air tools provides the right solution for virtually any application.

Needless to say, they are all part of an integrated system. Both the compressed air orbital sanders and compressed air eccentric sanders form part of the sophisticated IAS 2 system that offers three

functions - compressed air, exhaust and dust extraction. All components are compatible. And each machine is impressive in its own right, whether it be the LEX 2 eccentric sander for surfaces and curves, or the orbital sander for flat or recessed surfaces; all have robust, durable vane motors.



LEX 2 eccentric sanders are also suitable for work on vertical surfaces because of their low weight and excellent manoeuvrability.

- Long service life and sturdy design
- Jetstream sanding pads for reduced abrasive consumption
- Low weight and non-tiring work
- IAS 2 system for convenient and uncomplicated work



Festool compressed air eccentric sanders are ideal for sanding vehicle bodywork parts.



Specially developed for the workshop: the LEX 2 eccentric sander and the IAS 2 system with mobile dust extractor.

FESTOOL THE SYSTEM



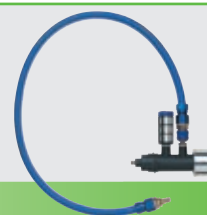
At Festool, we do not only think in terms of tools, but also systems so that you can work more quickly, easily and efficiently.



System hose.

The IAS 2 hose combines three functions: compressed air supply, exhaust and dust extraction.

Accessories on page 217



System adapter.

Connect the hose, mobile dust extractor and compressed-air connection easily and safely using the IAS 2 adapter.

Adapter systems on page 217

Application overview – Sanding with compressed air.

Always the right solution with Festool pneumatic tools: for large areas and curved surfaces. Refer to the table below and the following pages to determine which machine is best suited to your task. You're sure to find the best solution!

Sanding

| | Removal rate ¹⁾ | Surface quality | LEX 2 185/7 | LEX 2 150/3 | LEX 2 150/7 | LEX 2 125/3 | LEX 2 125/7 | LRS 93 M LRS 93 G | LRS 400 |
|--------------------|----------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------------|---------|
| Surfaces | | | | | | | | | |
| Coarse sanding | ██████ | ██ | ● | | ○ | | ○ | ● | ● |
| Pre-sanding | ████ | ██ | ● | ○ | | ○ | ● | ● | ● |
| Fine sanding | ██ | ██ | ○ | ● | ○ | ● | ○ | ○ | ○ |
| Extra-fine sanding | █ | ██ | | ● | | ● | | | |
| Curves | | | | | | | | | |
| Coarse sanding | ██████ | ██ | ● | | ○ | | ○ | | |
| Pre-sanding | ████ | ██ | ○ | ○ | ● | ○ | ● | | |
| Fine sanding | ██ | ██ | | ● | ○ | ● | ○ | | |
| Extra-fine sanding | █ | ██ | | ● | | ● | | | |
| Corners | | | | | | | | | |
| Coarse sanding | ██████ | ██ | | | | | | ● | ● |
| Pre-sanding | ████ | ██ | | | | | | ● | ● |
| Fine sanding | ██ | ██ | | | | | | ○ | ○ |
| Extra-fine sanding | █ | ██ | | | | | | ○ | |

○ Appropriate ● Very appropriate ● Extremely appropriate

¹⁾ Removal rate = Material removal rate



System dust extractors.

Festool mobile dust extractors are compatible with the compressed air systems – standard or retrofitted.

Mobile dust extractors from page 242



System sanding pads.

The right sanding pad for every task. With the well-known Jetstream principle.

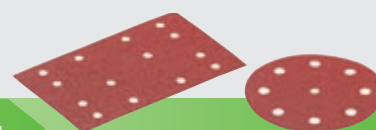
Accessories on page 217



System abrasives.

Wood, paint or varnish? Festool abrasives produce perfect results with any kind of sanding work.

Abrasives from page 198



Sanding with compressed air

The tools at a glance

LEX 2 185/7

Specialist in material removal.



Main applications

- Intermediate and coarse sanding
- Sanding large, flat surfaces
- Light sanding of paint, varnish and wooden materials
- High material removal rate and coverage capacity thanks to a 185 mm sanding pad and 7 mm sanding stroke

Strengths and benefits

- Softgrip cap to prevent slipping
- Dead-man switch for safe work
- Clearly visible stroke indicator
- Jetstream sanding pad
- High removal rate for coarse sanding
- Sanding pad brake gives a clean pattern
- **Vibration Stop** for healthy, non-tiring work
- Robust vane motor for a long service life
- StickFix, MPE sanding pad

More from page 214

| | |
|------------------------------------|-----------|
| Operating pressure (flow pressure) | 6 bar |
| No. of strokes | 16000 rpm |
| Sanding stroke | 7 mm |
| Air consumption at rated load | 390 l/min |
| Sanding pad diameter | 185 mm |
| Weight | 1.6 kg |



LEX 2 150/3

Master of final sanding.



Main applications

- Intermediate, fine and final sanding
- Sanding high-gloss surfaces ready for polishing
- Sanding wooden surfaces ready for waxing
- Finish sanding on paintwork, wood and plastic
- Final sanding of filler and mineral materials

Strengths and benefits

- Softgrip cap to prevent slipping
- Dead-man switch for safe work
- Clearly visible stroke indicator
- Jetstream sanding pad
- Sanding pad brake gives a clean pattern
- **Vibration Stop** for healthy, non-tiring work
- Robust vane motor for a long service life
- StickFix, MPE sanding pad

More from page 214

| | |
|------------------------------------|-----------|
| Operating pressure (flow pressure) | 6 bar |
| No. of strokes | 16000 rpm |
| Sanding stroke | 3 mm |
| Air consumption at rated load | 390 l/min |
| Sanding pad diameter | 150 mm |
| Weight | 1.3 kg |



LEX 2 150/7

Preparation professional.



Main applications

- Intermediate and coarse sanding
- Sanding wood, paint and varnish
- Pre-sanding mineral surfaces
- Sanding primed surfaces
- Intermediate varnish sanding

Strengths and benefits

- Softgrip cap to prevent slipping
- Dead-man switch for safe work
- Clearly visible stroke indicator
- Jetstream sanding pad
- Sanding pad brake gives a clean pattern
- **Vibration Stop** for healthy, non-tiring work
- Robust vane motor for a long service life
- StickFix, MPE sanding pad

More from page 214

| | |
|------------------------------------|-----------|
| Operating pressure (flow pressure) | 6 bar |
| No. of strokes | 16000 rpm |
| Sanding stroke | 7 mm |
| Air consumption at rated load | 390 l/min |
| Sanding pad diameter | 150 mm |
| Weight | 1.3 kg |



LEX 2 125/3 and LEX 2 125/7

Twins for coarse and fine.



Main applications

- 3 mm stroke for fine and final sanding
- 7 mm stroke for intermediate and coarse sanding
- Sanding wood, paint and varnish
- For flat and curved surfaces

Strengths and benefits

- Softgrip cap to prevent slipping
- Dead-man switch for safe work
- Clearly visible stroke indicator
- Jetstream sanding pad
- Sanding pad brake gives a clean pattern
- **Vibration Stop** for healthy, non-tiring work
- Robust vane motor for a long service life
- StickFix, MPE sanding pad

More from page 214

| | |
|--|-------------|
| Operating pressure (flow pressure) 6 bar | |
| No. of strokes | 16000 rpm |
| Sanding stroke | 3 mm / 7 mm |
| Air consumption at rated load | 390 l/min |
| Sanding pad diameter | 125 mm |
| Weight | 1.3 kg |



RUTSCHER® LRS 93 G and LRS 93 M

Lightweights for flat surfaces.



Main applications

- Sanding flat surfaces and into corners
- Light sanding of varnished surfaces
- Sanding natural woods and veneer prior to varnishing
- LRS 93 G with handle for secure guidance over recessed surfaces

Strengths and benefits

- Machine is easy to guide
- Speed and stroke preselection
- Robust vane motor for a long service life
- **Vibration Stop** for healthy, non-tiring work
- StickFix sanding pads and abrasive for quick changes

More on page 216

| | |
|--|---------------|
| Operating pressure (flow pressure) 6 bar | |
| No. of strokes | 14000 rpm |
| Sanding stroke | 4 mm |
| Air consumption at rated load | 310 l/min |
| Sanding pad diameter | 93 x 175 mm |
| Weight | 1.4 kg/1.2 kg |



RUTSCHER® LRS 400

Long sander for large surfaces.



Main applications

- Sanding large, flat surfaces
- Working on primed surfaces
- Sanding adapted to the working material with stroke preselection

Strengths and benefits

- Lightweight and handy despite its size
- High material removal rate on large, flat surfaces
- Very effective dust extraction
- Softgrip handle
- **Vibration Stop** for healthy, non-tiring work
- Robust vane motor for a long service life
- StickFix sanding pad and abrasive for quick changes

More on page 216

| | |
|--|-------------|
| Operating pressure (flow pressure) 6 bar | |
| No. of strokes | 14000 rpm |
| Sanding stroke | 4 mm |
| Air consumption at rated load | 390 l/min |
| Sanding pad diameter | 80 x 400 mm |
| Weight | 2.2 kg |



Sanding with compressed air

Compressed air eccentric sanders LEX 2



The all-rounder for any sanding task.

The compressed air eccentric sander LEX 2 by Festool is suitable for any kind of sanding work in the workshop. With a pad size of between 125 mm and 185 mm and a sanding stroke of 3 mm or 7 mm, the various models are ready to tackle any application. Whether used for coarse sanding, intermediate sanding or fine sanding in a continuous production line or on a workbench – these tough tools know how to impress.



Stroke indicator.

LEX 2 machines have a clearly visible stroke indicator to prevent you from using the wrong machine for the job. For improved quality.



Dead-man switch.

The LEX 2s are fitted with a dead-man switch to ensure continuous safe work.



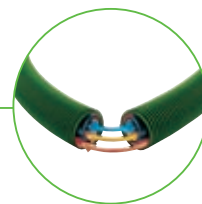
Speed preselector.

Using the speed and sanding stroke preselector to adapt the machine to the working material increases the working quality.



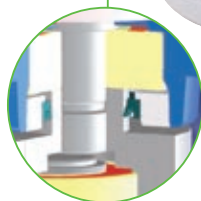
Softgrip cap.

The Softgrip coating on the tool ensures easy machine guidance with no slipping.



IAS 2 connection.

Three functions in one hose: compressed air, exhaust, dust extraction.



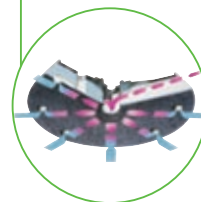
Sealed bearing.

The bearing on the LEX 2 is tightly sealed because things can sometimes get dusty despite the presence of a dust extractor. Its solid design also helps guarantee a long service life.



Sanding pad brake.

Prevents scratching and scuffing when the tool is set down on the workpiece.



Jetstream principle.

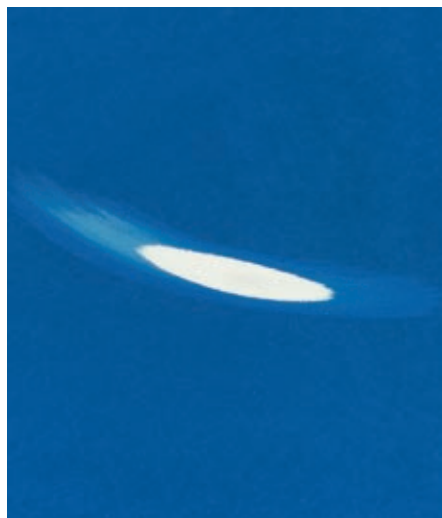
For up to 30% less abrasive consumption. High-strength MPE sanding pad for a longer service life, even when sanding edges. StickFix adhesive layer for quick sanding pad changes.

Compressed air eccentric sanders LEX 2 – the different options

| Model | Equipment/Scope of delivery | Order no. |
|--------------------|---|---------------|
| LEX 2 125/3 | 2 Stickfix sanding pad dia. 125 (soft), hole circle dia. 90, 1 Stickfix sanding disc Titan 2, Allen key, 1 bottle of cleaning and lubricating oil LD-10 (50 ml) | 691128 |
| LEX 2 125/7 | 2 Stickfix sanding pad dia. 125 (soft), hole circle dia. 90, 1 Stickfix sanding disc Titan 2, Allen key, 1 bottle of cleaning and lubricating oil LD-10 (50 ml) | 691127 |
| LEX 2 150/3 | 1 Stickfix sanding pad dia. 150 (extra-soft), 1 Stickfix sanding disc Titan 2, Allen key, 1 bottle of cleaning and lubricating oil LD-10 (50 ml) | 692095 |
| LEX 2 150/7 | 1 Stickfix sanding pad dia. 150 (soft), 1 Stickfix sanding disc Titan 2, Allen key, 1 bottle of cleaning and lubricating oil LD-10 (50 ml) | 692094 |
| LEX 2 185/7 | 1 Stickfix sanding pad dia. 185 (soft), 1 Stickfix sanding disc Titan 2, Allen key, 1 bottle of cleaning and lubricating oil LD-10 (50 ml) | 692096 |

Accessories for compressed air eccentric sanders LEX 2 can be found on page 217 Technical data, see page 212/213 For more information, visit www.festool.com.au

LEX 2 – With air that really gets things moving.



Smooth braking for improved quality.

It is annoying when a simple working error makes a big dent in your profits. This is why LEX 2 machines have a sanding pad brake, to prevent scratching and scuffing when the machine is set down on the workpiece.



Holes for improved efficiency.

Jetstream is the magic word. Festool has significantly increased the useful life of abrasives with the 9-hole sanding pad principle, which enhances dust extraction, generates less heat and reduces smearing and caking as a result.



Optimised dust extraction.

Like with all Festool machines, when the LEX 2 was developed, the main emphasis was placed on efficient dust extraction. Clean, healthy working conditions are no longer a pipe dream.



Pad benefits.

A wide range of other sanding pads are available for the LEX 2 in addition to the standard pads made from MPE. From extra-soft to hard, our extremely wear-resistant pads use the practical StickFix system.



System-compatible.

Operating an efficient dust extraction system while working with a compressed air machine usually requires several hoses. Not with the IAS 2 system by Festool. One hose incorporates three functions: compressed air, exhaust and dust extraction.



High-quality components.

Festool pneumatic tools have a large number of detailed solutions at their disposal. For example, wear-resistant vanes and rotors that guarantee a long service life.

Sanding with compressed air Compressed air *RUTSCHER*®

Specialists for flat surfaces.

When sanding large or flat surfaces, the orbital sanders are still one step ahead. Festool offers three versions for compressed air applications: the compact

LRS 93 G and LRS 93 M, and the LRS 400 for large surface areas. All are equipped with an IAS 2 connector.

Easy guidance.

All compressed air orbital sanders are easy to guide, both with one or two hands. The Softgrip and the additional handle on the LRS 400 give you complete control of the machine.

Vibration stop.

Less stress on your hands and wrists. VS balancing reduces vibrations and oscillations, and is kind to both you and your machine.

Sanding pad.

The extremely wear-resistant MPE sanding pad keeps its shape and has a long useful life, increasing the economic efficiency of the system.



Speed preselector.

For adjusting the stroke speed to suit the working material, which increases the working quality.

StickFix®.

Needless to say, all sanding pads and abrasives are compatible with the StickFix system, allowing you to change abrasives quickly and without requiring tools. The high-strength MPE sanding pads ensure a long useful life.

Only Festool compressed air machines such as the LRS 400 orbital sander incorporate outstanding performance and a sophisticated design. The ergonomic housing and perfect power-to-weight ratio of the LRS 400 allow for non-tiring work over long periods. Integrated in the IAS 2 system, the LRS 400 is the ideal partner for time-consuming sanding work over large surface areas.



The LRS 400: designed and built for sanding both flat and contoured large surfaces more easily.



The Softgrip and additional handle help keep the LRS 400 under control at all times.



The LRS 400 sanding pad is made from extremely wear-resistant MPE plastic: for a longer useful life and increased economic efficiency.



Stickfix for easy sanding disc changes.

Compressed air orbital sanders LRS – The different options

| Model | Equipment/Scope of delivery | Order no. |
|-----------------|---|---------------|
| LRS 400 | 1 Stickfix sanding pad dia. 80 x 400 (soft), 1 Stickfix abrasive sheet Titan 2, Allen key, 1 bottle of cleaning and lubricating oil LD-10 (50 ml) | 692099 |
| LRS 93 G | 1 Stickfix sanding pad dia. 93 x 175 (soft), 1 Stickfix abrasive sheet Titan 2, Allen key, 1 bottle of cleaning and lubricating oil LD-10 (50 ml) | 692050 |
| LRS 93 M | 1 Stickfix sanding pad dia. 93 x 175 (soft), 1 Stickfix abrasive sheet Titan 2, Allen key, 1 bottle of cleaning and lubricating oil LD-10 (50 ml) | 692049 |

System overview and accessories



Accessories for sanding with compressed air

| Product | Explanation | Order no. |
|--|---|---------------|
| ① Sanding pad Stickfix | See "Sanding, RS 300 system accessories" section, page 192 | |
| ② Sanding pad SSH-STF 80 x 400/17 | Soft, for LRS 400, dimensions 80 x 400 mm | 493140 |
| ③ Sanding pad, soft ST-STF-D185/16-M8 W | Soft, for universal use on flat surfaces, connecting thread M8, dia. 185 mm for LEX 2 185/7 | 490514 |
| Sanding pad, extra-soft ST-STF-D185/16-M8 SW | Extra-soft, elastic texture, for slight curves and rounded areas, connecting thread M8, dia. 185 mm, for LEX 2 185/7 | 490526 |
| ④ Interface pad IP-STF-D180/16-STF/2 | Cushioning device between sanding disc and sanding pad, dia. 180 mm, height 15 mm, qty. in pack: 2, for LEX 2 185/7 | 491491 |
| ⑤ Sanding pad dia. 150 mm | See "Sanding" section, from page 189 | |
| Sanding pad ST-STF-LEX125/90/8-M8 H | For flat surfaces and narrow edges, high edge resistance, hole circle dia. 90 mm, retaining screw M8, dia. 125 mm | 492284 |
| Sanding pad ST-STF-LEX125/90/8-M8 W-HT | For universal use on flat and curved surfaces, extremely heat-resistant burr, hole circle dia. 90 mm, retaining screw M8, dia. 125 mm | 492286 |
| Sanding pad ST-STF-LEX125/90/8-M8 SW | For tight curves and rounded areas, elastic texture, hole circle dia. 90 mm, retaining screw M8, dia. 125 mm | 492288 |
| ⑥ Interface pad IP-STF-D120/90/8 | See "Sanding" section, from page 189 | 492271 |
| ⑦ Abrasives | For all LRS, LEX, LEX 2 models, see "Sanding" section from page 198 | |
| ⑧ Hose IAS 2-3500 AS | Temperature-resistant up to +70°C, antistatic, length 3.5 m | 487901 |
| Hose IAS 2-5000 AS | Temperature-resistant up to +70°C, antistatic, length 5 m | 488176 |
| Hose IAS 2-7000 AS | Temperature-resistant up to +70°C, antistatic, length 7 m | 488131 |
| Hose IAS 2-3500 | Temperature-resistant up to +70°C, length 3.5 m | 488132 |
| Hose IAS 2-5000 | Temperature-resistant up to +70°C, length 5 m | 488175 |
| Hose IAS 2-7000 | Temperature-resistant up to +70°C, length 7 m | 488133 |
| ⑨ IAS 2-A-SR | Adapter for connecting SR dust extractor, LE version with IAS 2 hoses, antistatic model, integral connector for compressed air supply | 488181 |
| ⑩ IAS 2-AK-B1 | Special adapter for the SRM 312 LE-AS dust extractor, aluminium, only for use with IAS 2 adapter IAS 2-A-SR | 489263 |
| ⑪ IAS 2-A-ASA/CT | Adapter for CT mobile dust extractors, LE version, for EW/DW version of ASA, for connection to IAS 2 hoses, integral connector for compressed air supply via compressed air connection hose, antistatic model | 454757 |
| ⑫ IAS 2-DA-CT | Double adapter for simultaneous connection of 2 IAS2 pneumatic tools for alternate operation (additional adapter IAS 2-A-ASA/CT required) | 454758 |
| ⑬ Adapter AD-IAS 2/D36 | For using suction nozzles D36 with IAS2 hoses. Note: Using IAS2 hoses for direct dust extraction without this adapter will deposit dust at the connection points and damage the hose and pneumatic tool | 488418 |

For a perfect shining finish.

A more than careful approach is required when working on delicate surfaces or avoiding holograms. Festool not only offers tools here, but also a versatile system that is equal to any polishing task and whose components originate from a single source: from polish and polishing pads to machines.



Extra shine from a single source

Page **220**

Applications

Page **221****The tools at a glance**

Rotary polisher RAP 80

Rotary polisher RAP 150

Rotary polisher *POLLUX®* 180Page **222**

Accessories

Page **226**

Polishing Rotary polisher

Extra shine from a single source.



Festool already had vast experience with sanding technology before developing its polisher expertise more than 15 years ago. Festool is the only manufacturer currently offering a fully compatible polishing system from A to Z.

Ergonomic machines ensure rapid, non-tiring work. The PoliStick system saves time and increases economic efficiency and our range of compatible accessories



Brilliant performance over large surface areas: the POLLUX 180 is suitable for all work requiring a large coverage capacity.

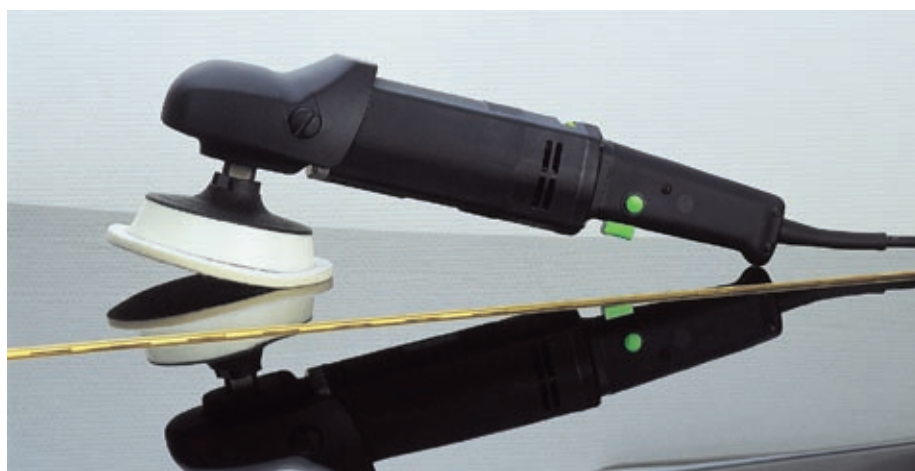
optimises your working results. For customers who want it all: from machines to polish, paintwork preparation and polishing out paintwork blemishes. And with the launch of the ROTEX (from page 163), Festool introduced the first machine that could polish away holograms!



Improved handling over small surfaces: the RAP 80 is also impressive in awkward spots and its ergonomics counteract any risk of tipping over.

System-compatible from A to Z – from the machine to the polish:

- Uniquely ergonomic, powerful machines that can tackle virtually any polishing task
- Expertise that includes polishing out trapped dust and polishing away holograms



The all-rounder for medium-sized surfaces: the RAP 150 is an impressive, handy machine for universal use – even on delicate surfaces. Because the higher the quality of the workpiece, the greater the tool requirements.

FESTOOL THE SYSTEM



At Festool, we do not only think in terms of tools, but also in terms of systems so that you can work more quickly, easily and efficiently.



Polishing pads.

The integral cushion ensures optimal pressure distribution during polishing.

Polishing pads from page 227



PoliStick system.

Polishing sponges, polishing felt and sheepskins can be changed quickly thanks to the PoliStick system.

PoliStick system from page 226

Application overview – Polishing

Refer to the table below to determine which machine is the most suitable for large or small surfaces, paintwork preparation or high-gloss polish, correction of blemishes in paintwork, removal of trapped dust or holograms. See the following pages for more details.

Polishing

| | RAP 80 | RAP 150 | POLLUX® 180 E | ROTEX® ¹⁾ RO 125 | ROTEX® ¹⁾ RO 150 | TDK 15.6 ²⁾ | Polish MPA |
|---|--------|---------|------------------|--------------------------------|--------------------------------|------------------------|----------------------|
| Small surfaces | ● | ● | ○ | ● | ● | ● | |
| Medium-sized surfaces | ○ | ● | ● | ● | ● | ○ | |
| Large surfaces | ○ | ● | ● | ○ | ● | ○ | |
| Faded paintwork/Preparation | ○ | ● | ● | ○ | ● | ○ | MPA 6000, MPA 8000 |
| Mineral materials | ● | ● | ● | ● | ● | ○ | MPA 6000 |
| Scratch-proof/ scratch-resistant paintwork | ● | ● | ● | ● | ● | ● | MPA 8000, MPA 11000 |
| Polishing to a high gloss finish | ● | ● | ● | ● | ● | ● | MPA 10000, MPA 11000 |
| Eliminating holograms | | | | ● | ● | | MPA 10000, MPA 11000 |
| Polishing out trapped dust | ● | ● | ○ | ○ | ○ | ● | MPA 8000, MPA 11000 |
| Touched up surfaces (blending/spot repair) | ● | ● | ● | ○ | ○ | ● | MPA 8000, MPA 11000 |
| Removing paint drips | ● | ● | ● | ○ | ○ | ● | MPA 8000, MPA 11000 |

○ Appropriate ● Very appropriate ● Extremely appropriate

¹⁾ Separate specifications for ROTEX RO 125 and RO 150 in "Sanding" section from page 163

²⁾ Separate specifications for cordless drill TDK 15.6 in "Drilling and screwdriving" section from page 18



Polish.

The right polish for every task: from heavy-duty polishing to fine high gloss finishes.

Polish from page 227

Microfibre cloths.

Microfibre cloths for gentle paintwork cleaning and a perfect finish.

Microfibre cloths from page 227

Finishing cleaner.

Removes polish residues and grease spots.

Accessories from page 227

Polishing

The tools at a glance

Rotary polisher RAP 80.02 E

Specialist for small surfaces.



Main applications

- Specialist for small surfaces.
- Slim, compact design for excellent manoeuvrability
- For horizontal and vertical surfaces
- Polishing different surfaces: paintwork, mineral materials, etc.

Strengths and benefits

- Ergonomic dome grip and perfect weight distribution for relaxed work
- Speed preselection, controlled speed, smooth start-up
- Temperature-dependent overload protection
- Polishing pad changing without tools thanks to spindle stop
- PoliStick system

More on page 223

| | |
|--------------------------------|--------------|
| Power consumption | 500 W |
| Speed | 750–2300 rpm |
| Maximum polishing pad diameter | 80 mm |
| Spindle thread | M14 |
| Weight | 1.6 kg |

 = with MMC electronics



Rotary polisher RAP 150.03 E

All-purpose genius.



Main applications

- All-purpose polisher
- Polishing different surfaces: Paintwork, mineral materials, etc.
- For horizontal and vertical surfaces
- Working on awkward, curved spots where a high coverage capacity is also required

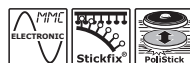
Strengths and benefits

- Ergonomic dome grip and perfect weight distribution for relaxed work
- Speed preselection, controlled speed, smooth start-up
- Temperature-dependent overload protection
- PoliStick system

More on page 224

| | |
|--------------------------------|--------------|
| Power consumption | 1050 W |
| Speed | 900–2500 rpm |
| Maximum polishing pad diameter | 150 mm |
| Spindle thread | M14 |
| Weight | 2.7 kg |

 = with MMC electronics



Rotary polisher POLLUX® 180 E

Powerhouse with high coverage capacity.



Main applications

- Ideal for polishing large areas
- Speed range of 0-2400 rpm (via accelerator switch) for a wide range of uses
- Ideal for horizontal surfaces
- Polishing different surfaces: Paintwork, mineral materials, etc.

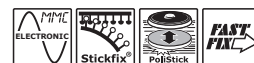
Strengths and benefits

- Ergonomic dome grip and perfect weight distribution for relaxed work
- Accelerator switch, speed preselection, controlled speed, smooth start-up
- Temperature-dependent overload protection
- Polishing pad changing without tools thanks to spindle stop
- PoliStick system
- Exceptional cooling in lower speed range - allows work under heavy loads

More on page 225

| | |
|--------------------------------|--------------|
| Power consumption | 1500 W |
| Speed | 800–2400 rpm |
| Maximum polishing pad diameter | 180 mm |
| Spindle thread | M14 |
| Weight | 3.6 kg |

 = with MMC electronics



Specialist for
small surfaces.

The superior ergonomics of the RAP80.02E are impressive, as is the case with all polishers by Festool: functional dome grip, compact design and low weight. After all,

non-tiring work forms the basis for quality working results. Vertical surfaces no longer pose a problem.

Temperature-dependent
overload protection.

For a long service life and protection against motor damage.

Better grip.

Ergonomic dome grip, perfect weight distribution and safe machine guidance.

Time-saving changes.

Polishing sponges, polishing felt, sheepskins with PoliStick system, tool-less polishing pad changing thanks to the spindle stop.



Slim and compact.

Slim and compact design. Light-weight and snug in your hand.

Stepless speed
preselector.

Stepless speed preselector (MMC electronics) so that you always work at the right speed.

Controlled speed.

Controlled speed and smooth start-up for adaptation to the working surface.

The dome grip on the RAP 80.02 E is designed “around your hand”, the weight is distributed perfectly and the ergonomically shaped side handle always guarantees a firm grip when you guide the machine.



Ideal for awkward spots. The ergonomic handle reduces the risk of the machine tipping over to a minimum.



High gloss finish for small areas. The RAP 80.02 E polishes out trapped dust on painted wooden surfaces, for example, with minimum effort.



The RAP 80.02 E is ideal for small, curved surfaces, eg a motorcycle tank.



The slim, compact design of the RAP 80.02 E is perfect for surfaces such as the wings on a car.

Rotary polisher RAP 80.02 E

E = with electronics

| Model | E | Equipment/Scope of delivery | Order no. |
|-------------|---|--|-----------|
| RAP 80.02 E | ● | 1 StickFix polishing pad dia. 80 mm, additional handle, in a box | 570745 |

Polishing

Rotary polisher RAP 150

The all-purpose genius.

This popular all-rounder is impressive from the word go and has a smooth start-up function. The stepless adjustable speed control ensures perfect adaptation to the

material and task at hand, which means you can work steadily without damaging the workpiece and avoid time-consuming reworking.

Temperature-dependent overload protection.
For a long service life and protection against motor damage.

Better grip.
Ergonomic dome grip, perfect weight distribution and safe machine guidance.

Time-saving changes.
The PoliStick system makes polishing sponges, polishing felt and sheepskins easy to change. For significant time savings.



Stepless speed preselector.
Stepless speed preselector (MMC electronics) so that you always work at the right speed.

Controlled speed.
Controlled speed and smooth start-up for adaptation to the working surface.

Long service life.
The high load capacity guarantees a long service life and economical use.

With the RAP 150.03 E, you have the perfect solution at your fingertips: For paintwork, mineral materials such as Corian® and Varicor® and for polishing furniture with a matt or high-gloss finish.



Ergonomic work. For example, working on awkward, curved spots where a high coverage capacity is also required



The RAP 150.03 E is ideal for high-quality workpieces and surfaces (not suitable for Shellac).



All-purpose machine for virtually any polishing task and different paintwork surfaces. Where a high gloss finish is an absolute must.



Quick as a flash: change to sheepskin in seconds with the PoliStick system.

Rotary polisher RAP 150.03 E

E = with electronics

| Model | E | Equipment/Scope of delivery | Order no. |
|--------------|---|---|-----------|
| RAP 150.03 E | ● | 1 StickFix polishing pad dia. 150 mm, additional handle, in a box | 570731 |

Accessories for rotary polisher RAP 150 can be found on page 230

Technical data, see page 222

For more information, visit www.festool.com.au

Polishing

Rotary polisher *POLLUX*® 180

Powerhouse with high coverage capacity.

This machine is particularly economical because of its high coverage capacity – ideal for those who have their work cut out. Without a stepless speed preselection.

tor and accelerator switch, you'll be hard pushed to finish your work as quickly. Optimised cooling and high load capacity.

- Better grip.**
Ergonomic dome grip and perfect weight distribution
- High torque and load capacity.**
Improved cooling in the lower speed range, temperature- dependent overload protection ensures high load capacity.
- Time-saving changes.**
Polishing sponges, polishing felt, sheepskins with PoliStick system, tool-less polishing pad changing thanks to the spindle stop.



- Stepless speed preselector.**
Stepless speed preselector (MMC electronics) so that you always work at the right speed.
- Accelerator switch.**
Enables a slow start-up and prevents the polish from spraying off.
- Controlled speed.**
Controlled speed and smooth start-up for adaptation to the working surface.

The POLLUX 180 E enables perfect adaptation to different materials and surfaces. The motor speed always remains constant thanks to the MMC electronics and allows you to work evenly without damaging the workpiece and avoid time-consuming reworking.



The POLLUX 180 E does just the job on large surfaces: its high load capacity ensures economical use.



The accelerator switch with smooth start-up prevents the polish from spraying off and minimises impurities.



All switches within easy reach. The speed range of 0 to 2400 rpm (via accelerator switch) widens the application range considerably.



Controlled power. Using the POLLUX 180 E only requires minimal effort thanks to the perfect weight distribution.

Rotary polisher *POLLUX*® 180 E

E = with electronics

| Model | E | Equipment/Scope of delivery | Order no. |
|--------------|---|---|-----------|
| POLLUX 180 E | ● | 1 StickFix polishing pad dia. 180 mm, 1 additional handle, in a box | 570737 |

High gloss finish with system.

Festool offers the perfect solution for every application: From polishing pads and different polishing sponges and felt to sheepskins with a wide variety of textures and sizes. A polishing system from under one roof: From machines to polishing agents.



Sheepskin

With abrasive qualities – for preparing paintwork and eliminating blemishes. Circulating air cools the surface to the ideal temperature.



Coarse polishing sponge

For polishing badly weathered surfaces and for paintwork preparation.



Polishing sponge, fine (honeycombed)

For repolishing/finishing after removing trapped dust, for high-gloss polish with honeycombed texture for polishing away holograms.



Felt

Hard felt for preliminary polishing of new paintwork (spray mist) and trapped dust. Soft felt for repolishing/finishing new paintwork (spray mist) and trapped dust.

Equipped for special applications.



Scratch-proof paintwork? No problem.

When used for preliminary polishing scratch-proof or scratch-resistant transparent varnish, Festool sheepskin achieves an excellent surface finish.



Designed for mineral materials.

Different grades of Festool polishing felt are available. They are particularly suited to polishing mineral materials, acrylic glass and varnishes.



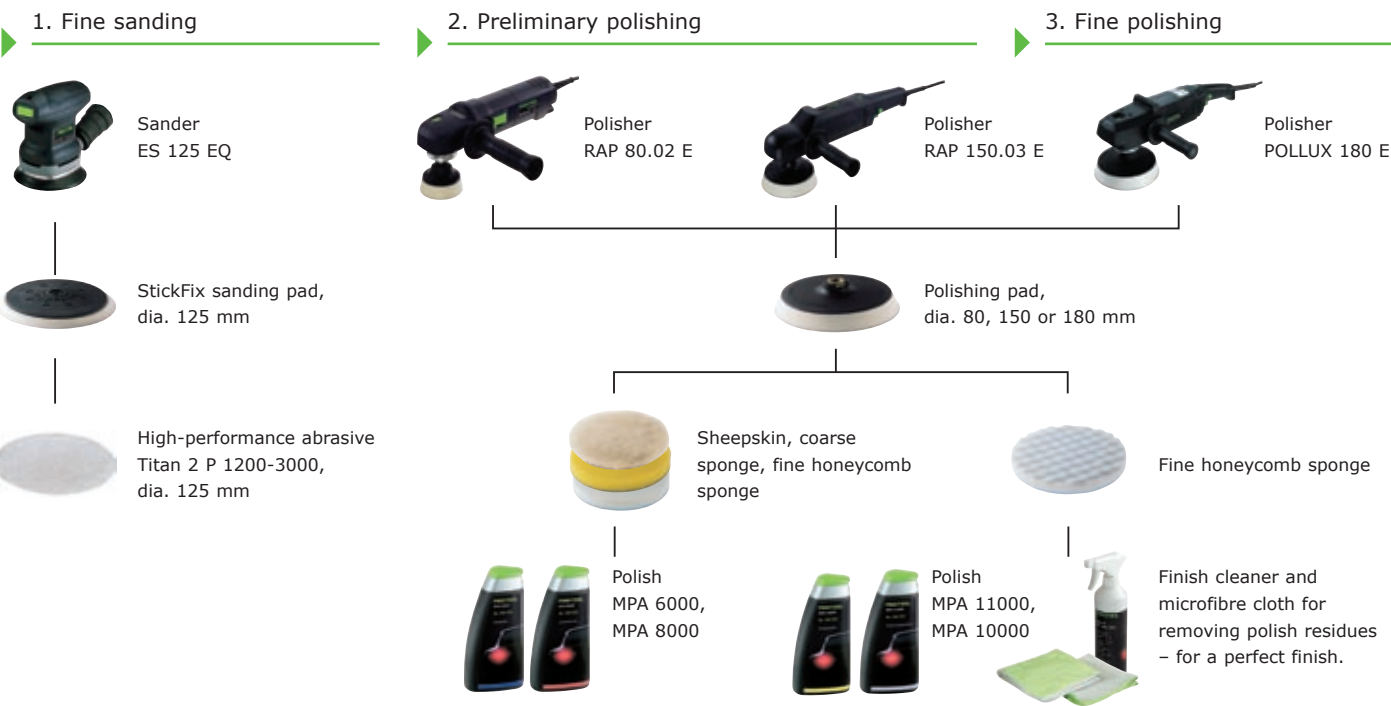
High-gloss polish.

Festool honeycomb sponges are suitable for high-gloss polishing. The fine texture produces a perfect gloss finish and ensures adequate air circulation so that the surface does not become too hot. Also polishes away holograms, in combination with the ROTEX (from page 163).

The Festool system

Festool polishes make polishing simple, save time and make work safe. Ideally suited to different kinds of polishing work, the four grades of polish guarantee the best results at the least expense in combination with the appropriate Festool machines.

A perfect surface in 3 steps



Special applications



POLISHING

A gleaming performance.



Polishing like new.

With our improved formulas, you can achieve a finish that is as good as new. All four polishes are aluminium-oxide-based: The grit disintegrates during sanding. The mechanical functioning principle here makes silicone and wax superfluous - for perfect results in an instant.



The sanding polish: MPA 6000.

Suitable for: 1. Hardened varnished surfaces with a longer drying time. 2. For extremely good results on weathered paint. 3. For paintwork blemishes, eg ripple effect, trapped dust. 4. Also after preliminary treatment of blemishes with Titan 2 P3000.



The fine sanding polish: MPA 8000.

Suitable for: 1. Finishing work shortly after painting. 2. For excellent results when polishing touched-up surfaces (blending, spot repair) 3. Also after using MPA 6000 or Platin 2 S4000.



A complete system.

All included in one product range: tool, polishing sponges, sheepskin, polishes, etc. Only Festool offers a complete system for increased economic efficiency. Those who wish to transport and store all system components within easy reach will find the SYSTAINER a useful accessory.




The high-gloss polish: MPA 10000.

Suitable for: 1. Finishing work after polishing out paintwork blemishes. 2. For removing holograms. 3. Produces a deep shine on any painted surface, even on dark and sensitive colour shades. 4. Also after using MPA 6000 or MPA 8000.



Ceramic high-gloss polish: MPA 11000.

Suitable for: 1. Scratch-proof transparent varnishes. 2. Removing polish haze, holograms and minute scratches. 3. Dark and sensitive colour shades. 4. Preparing new paintwork and new vehicles. 5. Also after using MPA 6000 or MPA 8000.

| Polish | Description and application | Type | Order no. |
|--|--|--|----------------------------|
|  | Sanding polish, heavy-duty Qty. in pack: 1 bottle at 500 ml Qty. in pack: 6 bottles at 500 ml | MPA 6000/1 MPA 6000/6 | 492424 492419 |
| | Fine sanding polish, medium Qty. in pack: 1 bottle at 500 ml Qty. in pack: 6 bottles at 500 ml | MPA 8000/1 MPA 8000/6 | 492425 492420 |
| | High-gloss polish, smooth Qty. in pack: 1 bottle at 500 ml Qty. in pack: 6 bottles at 500 ml | MPA 10000/1 MPA 10000/6 | 492426 492421 |
| | Ceramic high-gloss polish, extra smooth Qty. in pack: 1 bottle at 500 ml Qty. in pack: 6 bottles at 500 ml Qty. in pack: 1 x 5 kg canister | MPA 11000/1 MPA 11000/6 MPA 11000/5 kg | 492427 492422 493544 |
| | Finish cleaner, for gentle paint cleaning Qty. in pack: 1 bottle at 500 ml | MPA-F | 493066 |
| | Microfibre cloth, for the perfect paint finish Qty. in pack: 2 cloths | MPA-Microfibre/2 | 493068 |
| | | | |
| | | | |
| | | | |
| | | | |

PoliStick for RAP 80.02 E and cordless drills

| | Description and application | Type | Order no. |
|--|---|-----------------------|-----------|
|  | Adapter, for polishing pad D 80: For use in cordless drill Dia.: 70 mm, height: 20 mm, qty.: 1 | AD-D10/M14 | 483944 |
| | Polishing pad for RAP 80.02 E For retaining polishing accessories, with integral cushion For perfect pressure distribution during polishing Clamping dia.: 10 mm, qty.: 1 | PT-STF-D80-M14 | 488337 |
| | Polishing sponge, heavy-duty, for polishing heavily weathered paintwork (paintwork preparation) dia.: 80 mm, height: 20 mm, qty.: 5 | PS-STF-D80x20-G/5 | 489626 |
| | Polishing sponge, fine, for repolishing/finishing, For removing trapped dust dia.: 80 mm, height: 20 mm, qty.: 5 | PS-STF-D80x20-F/5 | 489017 |
| | Polishing sponge, fine, honeycombed D 80, Paintwork maintenance, for eliminating holograms dia.: 80 mm, height: 20 mm, qty.: 5 | PS-STF-GEW/D80x20-F/5 | 492265 |
| | Polishing felt, hard, for preliminary polishing of new paintwork (spray mist) and trapped dust dia.: 80 mm, height: 10 mm, qty.: 5 | PS-STF-D80x20-H/5 | 488339 |
| | Polishing felt, soft, for repolishing/finishing new paintwork (spray mist) and trapped dust dia.: 80 mm, height: 10 mm, qty.: 5 | PS-STF-D80x20-W/5 | 488341 |
| | Sheepskin, for preliminary polishing dia.: 80 mm, height: 20 mm, qty.: 5 | LF-STF-D80 | 490247 |

Polishing Accessories

PoliStick for RAP 150.03 E and ROTEX® RO 150, RO 125



Description and application

Type

Order no.

Polishing pad for RAP 150.03 E

For retaining polishing accessories, with integral cushion for optimised pressure distribution during polishing
dia.: 125 mm, height: 25 mm, qty.: 1

PT-STF-D150-M14

488342

Polishing pad for ROTEX RO 150

dia. Ø: 145 mm, height: 6 mm, qty.: 1

PT-STF-D150-M8

485748

Polishing pad for ROTEX RO 125

dia.: 125 mm, height: 30 mm, qty.: 1

PT-STF D125 FX-RO125

492128

Polishing sponge, heavy-duty

For polishing heavily weathered surfaces (preparation for painting)

dia.: 125 mm, height: 30 mm, qty.: 5

PS-STF-D125x30-G/5

493082

dia.: 150 mm, height: 20 mm, qty.: 1

PS-STF-D150x20-G

488345

dia.: 150 mm, height: 20 mm, qty.: 5

PS-STF-D150x20-G/5

488346

dia.: 150 mm, height: 30 mm, qty.: 5

PS-STF-D150x30-G/5

489404

Polishing sponge, fine and fine-honeycombed

For polishing lightly weathered paint (paint maintenance)

dia: 125 mm, height: 30 mm, qty.: 5 (fine)

PS-STF-D125x30-F/5

493081

dia: 150 mm, height: 20 mm, qty.: 1 (fine)

PS-STF-D150x20-F

488343

dia: 150 mm, height: 20 mm, qty.: 5 (fine)

PS-STF-D150x20-F/5

488344

dia: 150 mm, height: 30 mm, qty.: 5 (fine)

PS-STF-D150x30-F/5

489403

dia: 125 mm, height: 30 mm, qty.: 5 (fine honeyc.)

PS-STF-GEW/D125x30-F/5

493080

dia: 150 mm, height: 20 mm, qty.: 5 (fine honeyc.)

PS-STF-GEW/D150x20-F/5

489115

dia: 150 mm, height: 30 mm, qty.: 5 (fine honeyc.)

PS-STF-GEW/D150x30-F/5

489405

Polishing felt, hard

For preliminary polishing of new paintwork (spray mist) and trapped dust

dia.: 125 mm, height: 10 mm, qty.: 5

PF-STF-D125x20-H/5

493078

dia.: 150 mm, height: 10 mm, qty.: 1

PF-STF-D150x20-H/1

485970

dia.: 150 mm, height: 10 mm, qty.: 5

PF-STF-D150x20-H/5

488348

Polishing felt, soft

Repolishing/finishing of new paintwork (spray mist) and trapped dust

dia.: 125 mm, height: 30 mm, qty.: 5

PF-STF-D125x20-W/5

493077

dia.: 150 mm, height: 10 mm, qty.: 1

PS-STF-D150x20-W

485972

dia.: 150 mm, height: 10 mm, qty.: 5

PS-STF-D150x20-W/5

488347

Sheepskin, for preliminary polishing

dia.: 125 mm, height: 20 mm, qty.: 5

LF-STF-D125/5

493079

dia.: 150 mm, height: 20 mm, qty.: 1

LF-STF-D150

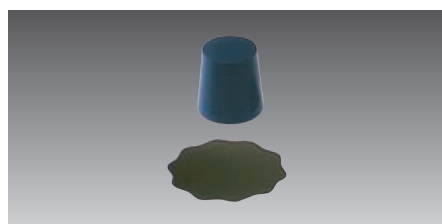
484131

Spot sander

Description and application

Type

Order no.



Spot sander D 36 for sanding stars dia. 36 mm

Qty. in pack: 1

RH-SK D36/1

493069

Self-adhesive sanding stars, dia. 36 mm

Qty. in pack: 1000, P 2500, Brilliant

SK-D36/0-P2500-BR/1000

489341

Qty. in pack: 100, P 3000, Titan 2

SK-D36/0-P3000-TI2/100

492366

PoliStick for *POLLUX® 180 E*

Description and application

Type

Order no.

Polishing pad for POLLUX 180 E

For retaining polishing accessories, with integral cushion
for optimised pressure distribution during polishing

dia.: 165 mm, height: 30 mm

PT-STF-D180-M14

488349

Sponge, heavy-duty

For polishing heavily weathered surfaces
(preparation for painting)

dia.: 180 mm, height: 20 mm, qty.: 1

dia.: 180 mm, height: 20 mm, qty.: 5

dia.: 180 mm, height: 30 mm, qty.: 5

PS-STF-D180x20-G

PS-STF-D180x20-G/5

PS-STF-D180x30-G/5

488350

488351

489407

Sponge, fine and fine-honeycombed

For polishing lightly weathered paint (paint maintenance)

dia.: 180 mm, height: 20 mm, qty.: 1 (fine)

dia.: 180 mm, height: 20 mm, qty.: 5 (fine)

dia.: 180 mm, height: 30 mm, qty.: 5 (fine)

dia.: 180 mm, height: 20 mm, qty.: 5 (fine honeyc.)

dia.: 180 mm, height: 30 mm, qty.: 5 (fine honeyc.)

PS-STF-D180x20-F

PS-STF-D180x20-F/5

PS-STF-D180x30-F/5

PS-STF-GEW/D180x20-F/5

PS-STF-GEW/D180x30-F/5

488352

488353

489406

489116

489408

Polishing felt, hard

For preliminary polishing of new paintwork
(spray mist) and trapped dust

dia.: 180 mm, height: 15 mm, qty.: 5

PF-STF-D180x20-H/5

488355

Polishing felt, soft

Repolishing/finishing of new paintwork
(spray mist) and trapped dust

dia.: 180 mm, height: 15 mm, qty.: 5

PF-STF-D180x20-W/5

488354

Sheepskin

For preliminary polishing

dia.: 180 mm, height: 20 mm, qty.: 1

LF-STF-D180

485248



Stirring, brushing, carpet removal

Difficult made easy!

Festool engineers have always invented special products under the motto "Difficult made easy!". The following products are very special because they provide solutions for tasks that would otherwise be performed with great effort, by hand or awkwardly with unsuitable tools.



**3 products that put
you one step ahead**

Applications

Page **234**

Page **235**

The tools at a glance

Stirrer RW 1000
Rustofix RAS 180
Carpet remover TPE

Page **236**

Page **239**

Accessories



Stirring, brushing, carpet removal **Stirrer, Rustofix brush machine, carpet remover**

Three products that put you one step ahead.



How often do you perform tasks that involve extreme physical effort or energy, often because developing a tool specially for the job has never crossed anyone's mind.

Close contact between Festool and its customers makes a crucial difference. Our engineers develop useful solutions for special tasks. For example, any interior fitter who has scraped a

carpet from the floor using a hand scraper knows how unpleasant and time-consuming this task is. Or anyone who has stirred material when machine has put up more of a struggle than the material itself! Or anyone who has painstakingly textured wooden surfaces...



Ideal supplement to the stirrer: The mixing centre mixes while you concentrate on other tasks.

For these very reasons we have developed the ideal solution:

- An extremely powerful stirrer, designed for ergonomic work
- A brush machine for texturing wood and timber – 3 working steps with one tool
- A carpet remover for efficient carpet removal



The TPE-RS 100 Q carpet remover guarantees quick and effortless carpet removal.



You can texture wooden surfaces quickly and easily with the Rustofix brush machine – ideal for renovating old buildings and restoring timber.

FESTOOL THE SYSTEM



Brush machine.

There is no simpler way to achieve a rustic wooden surface finish than with the Rustofix.

Brush machine on page 239



Brush system.

The right brush for every working step: for texturing, intermediate sanding, smoothing.

Brushes on page 239



Extraction system.

Clean results both in the workshop and on the construction site with Festool mobile dust extractors.

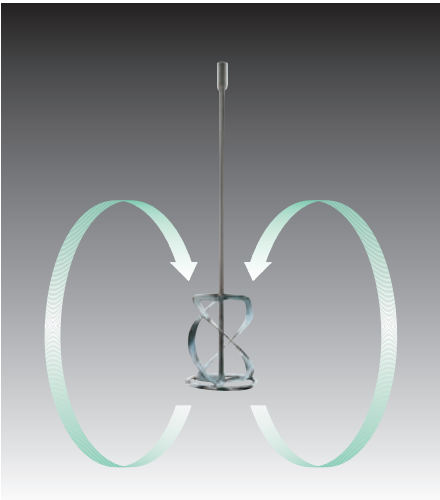
Mobile dust extractors from page 242

Stirring technology for any application: The perfect way to mix.

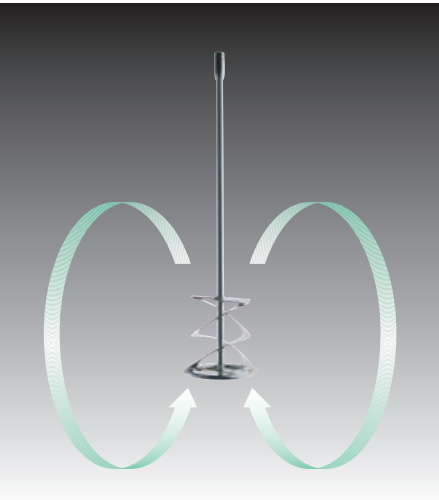
Whether you need to mix thin or viscous materials – Festool always provides you with the right stirring technology. The ergonomic design makes it easy to operate. Efficient stirring action makes it economical to run, robust design for demanding work on construction sites,

central connector for perfect true-running, efficient overload protection and precision bearing for a long service life. Stirring rods adapted to the material for maximum stirring efficiency: Mortar or cement for laying or fitting tiles, plaster for facades or adhesive for insulating boards.

Refer to the table below to determine which Festool stirring rods are best for which applications, materials and materials quantities.



1



2

- 1 The Festool anticlockwise spiral stirring rod is specially designed for thin material with a low viscosity: when stirred, the material is drawn downwards in a circular motion to ensure splash-free mixing.
- 2 The Festool clockwise spiral stirring rod is specially designed for stiff material with a high viscosity: when stirred, the material is drawn upwards in a circular motion to ensure the heavy material is mixed thoroughly.

| Material | Stirring rod | | | Setting |
|---|--------------|------------|---------------|---------|
| | Up to 25 kg | 25 – 50 kg | 50 kg upwards | |
| Mortar (sand/cement/water) | WR 120 L | WR 140 L | WR 160 L | 3 – 6 |
| Ready-mixed mortar (bagged material/water) | WR 120 L | WR 140 L | WR 160 L | 3 – 6 |
| Exterior paint, emulsion paint | WR 120 L | WR 140 L | WR 160 L | 3 – 6 |
| Tile cement (bagged material/additives/water/granulate) | WR 120 R | WR 140 R | WR 160 R | 2 – 4 |
| Cement (sand/cement/gravel/water) | WR 120 R | WR 140 R | WR 160 R | 1 – 6 |
| External rendering (sand/plaster/cement/water) | WR 120 R | WR 140 R | WR 160 R | 1 – 6 |
| Structural rendering (sand/plaster/cement/water) | WR 120 R | WR 140 R | WR 160 R | 2 – 5 |
| Filler (mixed bagged material/water) | – | WR 135 | WR 125 | 1 – 6 |



Stirrer.

The right mix of power and stirring speed: Stirrer RW 1000 EQ.

Stirrer from page 237



Stirring rod system.

Always the right stirring rod: for both thin and viscous material.

Accessories on page 241



Mixing centre.

The ideal supplement to the stirrer. Takes over stirring while you concentrate on other tasks.

Mixing system on page 241

Stirring, brushing, carpet removal

The tools at a glance

Stirrer RW 1000 EQ

For the perfect mixture.



Main applications

Mixing and stirring:

- Ready-mixed mortar
- External rendering, structural rendering
- Filler, tile cement
- Exterior paint, emulsion paint

Strengths and benefits

- Powerful stirring action to mix stiff material thoroughly
- Ergonomic handle position for less strenuous work
- Rotating steel ring offers protection for demanding work on construction sites
- Smooth start-up prevents spraying of thin materials
- Zero-play precision bearing on gear shaft for a long service life

More from page 237

| | |
|----------------------|-------------|
| Power consumption | 1010 W |
| Rotating shaft speed | 250–600 rpm |
| Connecting thread | M14 |
| Weight | 4.2 kg |

 = with MMC electronics



Rustofix RAS 180.03 E-HR

Quick, fix, Rustofix.



Main applications

- Texturing wooden surfaces
- Building renovation/Timber restoration
- Furniture manufacture
- Texturing shaped parts

Strengths and benefits

- Three working steps with one tool: Texturing, intermediate sanding, smoothing
- Adjustable support rollers for precise setting of the texturing depth
- Quick, easy brush changes
- Overload protection for a long service life
- Dust extraction system for healthy work
- MMC electronics with temperature monitor

More on page 239

| | |
|---|--------------|
| Power consumption | 1500 W |
| Speed | 550–2650 rpm |
| Tool diameter | 150 mm |
| Spindle thread | M14 |
| Connection diameter for dust extraction | 27 mm |
| Weight | 7.5 kg |

 = with MMC electronics



Carpet remover TPE-RS 100 Q

Quick and easy.



Main applications

For removing:

- Carpet
- Backing layer
- Adhesive layer

Strengths and benefits

- Hand-held use for awkward spots and stairs
- High coverage capacity: 25 m² per hour on compact foam-backed carpets
- Powerful stirring action and reduction gearing for maximum economic efficiency
- Extension handle for non-tiring work over large areas
- VS balancing for low-vibration work

More on page 240

| | |
|-------------------|-----------|
| Power consumption | 620 W |
| Speed | 6000 rpm |
| No. of strokes | 12000 rpm |
| Sanding stroke | 5 mm |
| Weight | 3.6 kg |

 = with MMC electronics



Stirring, brushing, carpet removal

Stirrer RW 1000



Stirring – relaxed and easy.

Technological advantages of the RW 1000 EQ include a high-torque gear mechanism and quality MMC electronics on the one hand and on the other hand, a quantum leap in ergonomics in the form of a double T-shaped handle for non-tiring work.



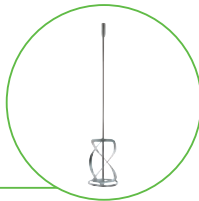
Perfect posture.
Double ergonomic T-shaped handle with three variable base positions.



MMC electronics.
Thumbwheel within easy reach: Infinitely adjustable speed, controlled idling speed and smooth start-up, constant speed, temperature-dependent overload protection.



Smooth start-up.
Prevents spraying the material and jolting your wrists.



Anticlockwise stirring rod.
For thin, low-viscosity materials



Automatic mixing.
The mixing centre allows for safe, automatic mixing while you concentrate on other jobs (available as an accessory).



Powerful stirring action.
The stirrer engine room: Maximum power for any material.



Precise true-running.
Double centring of the threaded ends makes sure the stirring rod runs concentrically, which protects the motor and gears.



Clockwise stirring rod.
For stiff, high-viscosity materials.

Stirrer RW 1000 EQ

E = with electronics

| Model | E | Equipment/Scope of delivery | Order no. |
|------------|---|-----------------------------|-----------|
| RW 1000 EQ | ● | Operating tool | 570440 |

Stirring, brushing, carpet removal

Stirrer RW 1000

For power and smooth running, virtually unbeatable.



One mechanism.

The motor and gears are calibrated to ensure maximum torque efficiency at any speed. The material is mixed intensively but stays where it belongs - in the bucket.



Stronger than the stiffest mortar.

When the stirring gets tough, you'll be glad you have a RW 1000 EQ by your side. The machine not only operates with overwhelming power, but also with intelligent electronics: the thumbwheel allows you to adjust the speed from the handle gripping position to suit any material.



Double handle for half the trouble.

An ergonomic working posture is the foundation for great working results. Working in a strained position makes you tire quickly. This is why the RW 1000 EQ has a second handle: it can be adjusted to three positions, with all the control elements at hand. Everything under control.



No vibrating or shaking.

The screw connection between the stirrer and the stirring rod is protected from dirt and is also double-centred to make sure that the stirring rod runs concentrically. This contributes to its long service life, provides a comfortable grip and ensures that the rod runs smoothly.



Robust and reliable.

A rotating steel ring protects the 1000 EQ stirrer in the event of a fall. The stirring rod comes in different versions to mix practically any material. The plug-it cable also prevents lengthy interruptions should it break while you are working.



Time for more important jobs.

The MIC 1600 mixing centre takes over the mixing so that you can concentrate on other, more important jobs. Extremely robust with a stable pillar, secure grille and height-adjustable swivel arm.

Accessories for the stirrer RW 1000 can be found on page 241

For more information, visit www.festool.com.au

Stirring, brushing, carpet removal Rustofix RAS 180

FESTOOL

The quick way to produce a rustic wood effect.

Rustofix is the name of a special brushing machine manufactured by Festool for producing three-dimensional, raised, textured wooden surfaces in no time at all. One tool

and three special brushes for texturing, intermediate sanding and smoothing. Also ideal for shaped parts.

Dust extraction.

Guarantees clean and healthy working conditions in combination with a dust extractor.

MMC electronics.

With adjustable speed for adaptation to the working material and better results.

Depth adjuster.

Adjustable rear support roller: Less wear for brushes, no sanding through surface coatings.

Overload protection.

For a longer service life.

Quick brush changes.

Change brushes in an instant: Just one turn with a spanner is enough.



The Rustofix is the perfect tool for anyone wishing to lend a rustic touch to wooden surfaces - as safe and economically efficient as possible. Whether in furniture manufacture, building renovation or timber restoration.



Three brushes for texturing, sanding, smoothing and cleaning: Three working steps with one tool.



Textured with the LD 85 brush.



Sanded with the KB 80 brush.



Smoothed and cleaned with the BG 85 brush.

Rustofix RAS 180.03 E-HR and accessories

E = with electronics

| Model | E | Equipment/Scope of delivery | Order no. |
|------------------------|---|---|---------------|
| RAS 180.03 E-HR | ● | Brush LD 85, brush KB 80, dust extraction hood with handle, locating mandrel, clamping flanges, operating tool, in metal transport case. | 570744 |
| LD 85 | – | For texturing, with standard wire brush, steel core, outer dia. 150 mm, width 85 mm, hole dia. 50 mm | 411549 |
| KB 80 | – | For intermediate sanding, plastic bristles with imbedded sanding grit K80, die-cast plastic core, high true-running precision, outer dia. 150 mm, width 85 mm, hole dia. 16/30 mm | 411969 |
| BG 85 | – | For smoothing and cleaning, with sisal bristles, steel core, outer dia. 150 mm, width 80 mm, hole dia. 50 mm | 411887 |

Technical data, see page 236

For more information, visit www.festool.com.au

STIRRING, BRUSHING, CARPET REMOVAL

Stirring, brushing, carpet removal

Carpet remover TPE

Quick and easy.

Manoeuvrability is crucial when things get tight. The TPE makes the difficult job easy! It removes carpet more quickly than by hand. Moreover, conventional methods require two pairs of hands; one person

lifts the carpet while the other uses a scraper to remove the adhesive from the sublayer. With the TPE, you can do it all by yourself.

High coverage capacity.

Efficient cutting action, strips compact foam-backed carpets at up to 25 m² per hour.

Wear-resistant blade.

Durable and reliable, easy to sharpen.

Lightweight and handy.

The machine weighs only 3.6 kg!



Ergonomic handle.

For working in awkward spots and on stairs.

plug-it.

Change machines with a turn of the wrist. Cable breaks will not hold you up for long. Simply replace the cable and continue your work.

Extension handle mount.

For working in a more natural position.

Vibration stop.

VS balancing and smooth running relieve the stress on your wrists.

The carpet blade moves back and forth, doing all the hard work for you. It quickly works its way in between the sublayer and the adhesive layer. All you have to do is push forwards slightly. Saving time has never been easier.



Its manoeuvrability makes it suitable for stairs.



The carpet remover also manages well along edges.



Work more easily and in a natural position. Adjustable to match your height.



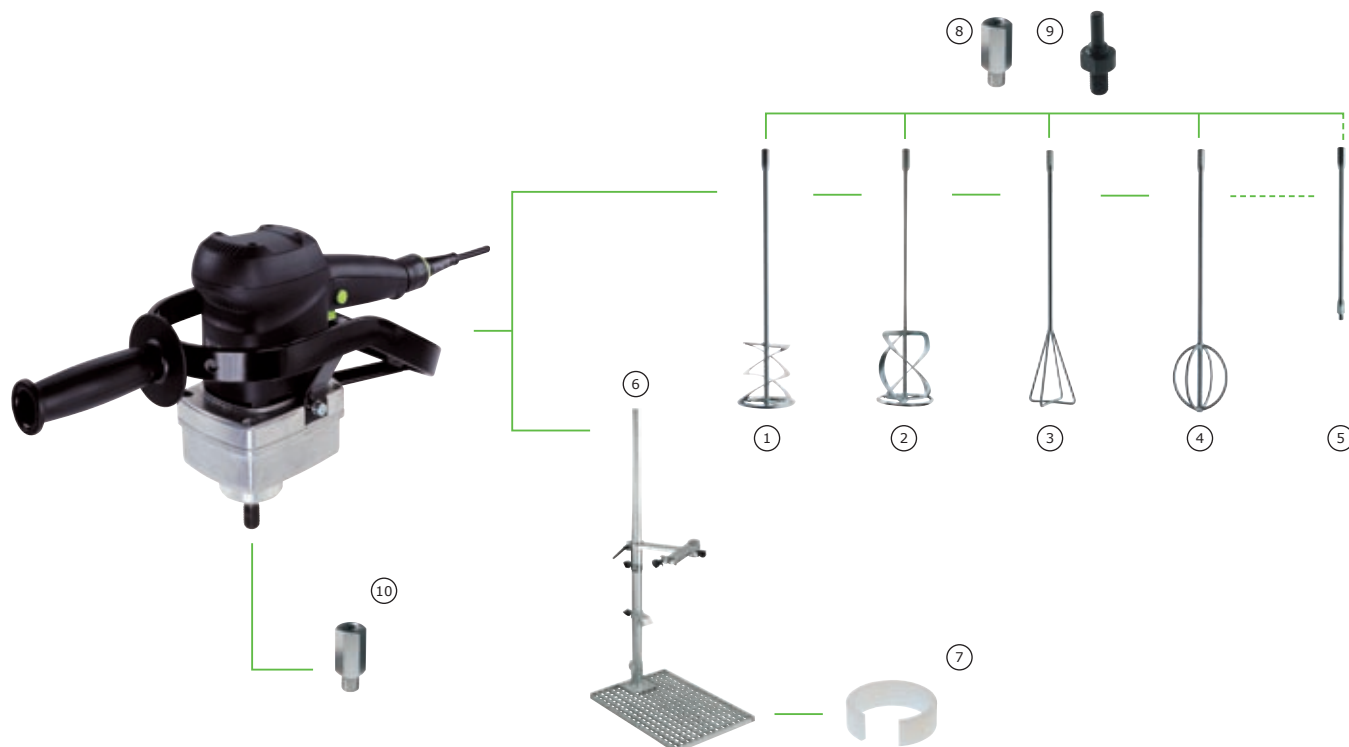
The wear-resistant carpet blade ensures maximum stripping capacity.

Carpet remover TPE-RS 100 Q and accessories

S = with Systainer

| Model | S | Equipment/Scope of delivery | Order no. |
|--------------------------|---|--|---------------|
| TPE-RS 100 Q-Plus | ● | Carpet remover | 567798 |
| SG-TPE / RS 1 | – | Extension handle: two-piece handle for using the TPE in a standing position, with 2 additional hand grips and shoulder cushion, length 1700 mm | 486375 |
| TM 195 | – | Carpet blade width: 195 mm | 486374 |
| SYS-TPE | – | SYSTAINER: size SYS 3, with insert | 487240 |

System overview and accessories



Accessories for stirrer RW 1000 EQ

| | Explanation | Order no. |
|---|---|---------------|
| ① Clockwise spiral stirring rod WR 120 R | Max. 25 kg, diameter 120 mm, length 625 mm, length of mixing head 110 mm | 434285 |
| Clockwise spiral stirring rod WR 140 R | Max. 50 kg, diameter 140 mm, length 625 mm, length of mixing head 145 mm | 484288 |
| Clockwise spiral stirring rod WR 140 R-N | Max. 50 kg, stainless steel version, diameter 140 mm, length 625 mm, length of mixing head 145 mm | 485824 |
| Clockwise spiral stirring rod WR 160 R | Max. 150 kg, diameter 160 mm, length 625 mm, length of mixing head 210 mm | 484289 |
| Clockwise spiral stirring rod WR 160 R-N | Max. 150 kg, stainless steel version, diameter 160 mm, length 625 mm, length of mixing head 210 mm | 485825 |
| ② Anticlockwise spiral stirring rod WR 120 L | Max. 25 kg, diameter 120 mm, length 625 mm, length of mixing head 140 mm | 484285 |
| Anticlockwise spiral stirring rod WR 140 L | Max. 50 kg, diameter 140 mm, length 625 mm, length of mixing head 180 mm | 484286 |
| Anticlockwise spiral stirring rod WR 160 L | Max. 150 kg, diameter 160 mm, length 780 mm, length of mixing head 210 mm | 484287 |
| ③ Stirring rod WR 125 | Triangular head, diameter 125 mm, length 625 mm, length of mixing head 180 mm | 483701 |
| ④ Stirring rod WR 135 | Round head, diameter 135 mm, length 625 mm, length of mixing head 160 mm | 436556 |
| ⑤ Extension V400/ M14 | For extending stirring rods, M14 x 400 mm in length | 483310 |
| ⑥ Mixing centre MIC 1600 RW | Guide column, extension arm and adjusting ring made from heavy-duty quality steel tubing, galvanised surfaces, retainer for mixing container and grid, column height 1600 mm, tool holder dia. 53 mm, range of extension arm 600 mm, weight 16 kg | 484250 |
| ⑦ Reducing ring D 53/D 43 | For clamping tools with a 43 mm flange onto the MIC 1600 mixing centre | 484523 |
| ⑧ Adapter 5/8"x16UN/M14 | For use of Festool stirring rods on machines with 5/8"x16UNF connection | 484290 |
| Adapter 1/2"x20UNF/M14 | For use of Festool stirring rods on machines with 1/2"x20UNF connection | 484292 |
| ⑨ Adapter AD-D10/M14 | For Festool stirring rods: fitted in chuck, for sanding pads with M14 thread used in drills, for polishing pad D80; for use in cordless drills, clamping range 10 mm | 483944 |
| ⑩ Adapter M14/ 1/2"x20UNF | For use of stirring rods with 1/2"x20UNF connection on the Festool stirrer | 484291 |

As important as the air you breathe.

There are some things that are as essential as the air we breathe. For example, an efficient dust extractor by Festool. Thanks to CT-HEPA mobile dust extractors and special extractors, you can breathe deeply again when sanding, sawing or routing. This is not only better for your health, but also the tool you are using.



Right down to the last speck

Page **244**

Applications

Page **245**

The tools at a glance

Mobile dust extractors CT MINI, CT, CT-HEPA
Special extractors

Page **246**

Accessories

Page **258**



Dust extraction

Mobile dust extractors and special extractors

Right down to the last speck.



Anyone who performs sawing, sanding or routing work at assembly locations on in the workshop on a regular basis will appreciate the importance of an efficient dust and chip extractor. Because everyone is aware of the harmful effects of many types of dust.

The only reliable solution for protecting your health and keeping your workplace clean is a powerful, efficient dust extrac-



Even liquids can be removed easily – LevelStop for automatic level monitoring.

tor. Festool mobile dust extractors CT, CT-HEPA, and special extractors fit the bill perfectly here. The CT-HEPA extractor, in particular, is approved for extracting hazardous dust and ensures safe work in most environments. Needless to say, our extractors come equipped with a host of



Each CT dust extractor has a Sys-Dock for holding SYSTAINERS firmly in place.

technical features: stepless suction power adjustment, 2-ply filter bags and flat filter for maximum utilisation of the filter bag capacity, tool-less filter and filter bag changing.

The benefits at a glance:

- Stepless suction power adjustment for efficient extraction
- Maximum flexibility, both wet and dry extraction
- Simple filter/filter bag changing



Festool's mobile dust extractors are ideal for use with electric power tools. Maximum suction power and an automatic electronic switch-on/shut-off allow for convenient and healthy working.

FESTOOL THE SYSTEM



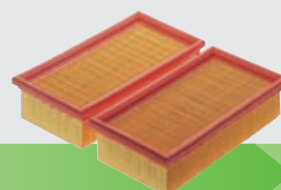
At Festool, we do not only think in terms of tools, but also systems so that you can work more quickly, easily and efficiently.



Cleaning system.

Festool mobile dust extractors offer an extensive range of accessories for every cleaning task.

Accessories from page 258



Filter system.

In addition to standard filters, long-life filters and wet filters are also available for the CT mobile dust extractors.

Filter systems from page 258

Application overview – Dust extraction

Dust extraction

| | CT MINI | CT-HEPA 22-55 E | CT-HEPA 33/44 LE | CTM 22-55 E | CTM 33/44 LE | SRM 212 LE-AS | SRM 312 LE-AS | SRH 204 E-AS |
|---|------------|--------------------|---------------------|----------------|-----------------|------------------|------------------|-----------------|
| Special equipment features | | | | | | | | |
| Appliance socket with automatic electronic switch-on/shut-off | ● | ● | ● | ● | ● | ● | ●*) | ● |
| Compressed air automatic electronic switch-on/shut-off | | | ● | | ● | ● | ● | |
| HEPA filter as per IS EN-1822 and AS 4260 | | ● | ● | | | | | |
| Approval for carcinogenic and pathogenic dust, dust class H | | | | | | | | ● |
| K1 approval for asbestos (only valid in Germany) | | | | | | | | ● |
| Corresponds to ATEX directive 94/9/ECC (type 22) type approval B1 for Germany | | | | | | | ● | |
| Approved for combustible and explosive dust from dust explosion categories St1, St2, St3 in Zone 22 | | | | | | | ● | |
| Electronically commutated motor (EC motor), for continuous industrial use | | | | | | ● | ● | |
| Typical applications | | | | | | | | |
| Fine dust with a value of 3 mg/ m3, less than the general dust limit | ● | ● | ● | ● | ● | ● | ● | ● |
| Mineral material dust containing aluminium hydroxide | ● | ● | ● | ● | ● | ● | ● | ● |
| Graphite dust | ● | ● | ● | ● | ● | ● | ● | ● |
| Paint dust | ○ | ○ | ○ | ● | ● | ● | ● | ● |
| Wood dust | | | | ● | ● | ● | ● | ● |
| Aluminium dust | | | | | | | ● | |
| Paper dust | | | | | | | ● | |
| Soot | | | | | | | ● | |
| Powder-coating dust | | | | | | | ● | |
| Polyurethane dust | | | | | | | ● | |
| Epoxy resin-based GRP dust | | | | | | | ● | |
| Epoxy resin-based CRP dust | | | | | | | ● | |
| Zinc chromate dusts | | | | | | | | ● |
| Dusts with PAH content | | | | | | | | ● |
| Asbestos dust | | | | | | | | ● |

○ Possible, but with limitations

● Very appropriate

● Equipment feature / extremely appropriate

GRP = Glass-fibre reinforced plastic

CRP = Carbon-fibre reinforced plastic

PAH = Polycyclic aromatic hydrocarbon

*) Note: Never attempt to use electric power tools in areas posing a danger of explosion!



plug-it system.

Suction hose with integral plug-it cable for easy connection of machines and dust extractors.

plug-it system from page 261/283



Compressed air system.

Many Festool mobile dust extractors are equipped with the IAS 2 system for connecting pneumatic tools.

Dust extractors from page 208



Workspace system.

Boom arms available in different sizes allow for flexible extraction at several workplaces.

Workspace systems from page 274

Dust extraction

The tools at a glance

Mobile dust extractor CT MINI

Small, practical mobile dust extractor.



Main applications

- For dust with MAK values > 1mg/m³
- Compact and lightweight, ideal for assembly sites
- Integral automatic electronic switch-on/shut-off for extraction from electric power tools
- Best suited to smaller sanding, routing, sawing and drilling tasks
- Suitable for both wet and dry extraction
- Ideal for final clean-up

Strengths and benefits

- Approved for dust category L
- Antistatic function prevents static developing during work
- Practical store for hose and mains cable
- Infinitely variable suction power adjustment
- Locking brake to prevent from rolling away
- Attachment of SYSTAINERS via Sys-Dock
- Storage compartment for replacement filter bag
- 95% utilisation of the filter bag/container volume for maximum economic efficiency

More from page 248

| | |
|---|----------------------|
| Power consumption | 400–1200 W |
| Max. suction capacity | 2800 l/min |
| Max. vacuum | 20000 Pa (200 mbar) |
| Filter surface area | 5000 cm ² |
| Rubber-insulated mains cable | 7.5 m |
| Maximum appliance socket connected load | 2400 W |
| Weight | 9.5 kg |
| Dimensions (L x W x H) | 440 x 340 x 420 mm |



Mobile dust extractors CT

All-round powerful performance.



Main applications

- For dust with MAK values > 1mg/m³
- Container volume of 22 l/33 l/44 l/55 l for flexibility and cleanliness in the workshop and on the construction site
- Integral automatic electronic switch-on/shut-off for extraction from electric power tools
- Suitable for both wet and dry extraction

Strengths and benefits

- Approved for dust category L
- Antistatic function prevents static developing during work
- Infinitely variable suction power adjustment
- Locking brake to prevent from rolling away
- Attachment of SYSTAINERS via Sys-Dock
- Cable holder, handle, accessories depot and storage compartment (depending on model)
- 95% utilisation of the filter bag/container volume for maximum economic efficiency

More from page 251

| | |
|---|--------------------------|
| Power consumption | 350–1200 W |
| Max. suction capacity | 3800 l/min |
| Max. vacuum | 23000 Pa (230 mbar) |
| Filter surface area | 14000 cm ² |
| Rubber-insulated mains cable | 7.5 m |
| Maximum appliance socket connected load | 2400 W |
| Weight | 12 – 22 kg |
| Dimensions (L x W x H) | 625 x 380 x (440–935) mm |



Mobile dust extractors CT-HEPA

Maximum power against hazardous dust.



Main applications

- For wood dust and dust with MAK values > 0.1 mg/m³
- Container volume of 22 l/33 l/44 l/55 l for flexibility and cleanliness in the workshop and on the construction site
- Integral automatic electronic switch-on/shut-off for extraction from electric power tools
- Suitable for both wet and dry extraction

Strengths and benefits

- Approved for dust category HEPA
- Antistatic function prevents static developing during work
- FlowDetect flow monitor
- Locking brake to prevent from rolling away
- Attachment of SYSTAINERS via Sys-Dock
- Cable holder, handle, accessories depot and storage compartment (depending on model)
- 95% utilisation of the filter bag/container volume for maximum economic efficiency

More from page 254

| | |
|---|--------------------------|
| Power consumption | 350–1200 W |
| Max. suction capacity | 3800 l/min |
| Max. vacuum | 23000 Pa (230 mbar) |
| Filter surface area | 14000 cm ² |
| Rubber-insulated mains cable | 7.5 m |
| Maximum appliance socket connected load | 2400 W |
| Weight | 12 – 22 kg |
| Dimensions (L x W x H) | 625 x 380 x (440–935) mm |



Special extractor SRM 212 LE-AS

Proven extractor with immense suction power.



Main applications

- Removes 99.95% of dusts and airborne particulate matter to .03 microns
- Integral automatic electronic switch-on/shut-off for extraction from electric and pneumatic tools
- For continuous professional use, eg industrial applications

Strengths and benefits

- Approved for dust category HEPA
- FlowDetect flow monitor for extra security
- Antistatic function prevents static developing during work
- Infinitely variable suction power adjustment for perfect suction power
- EC motor for continuous use and with service life up to ten times longer than that of a universal motor
- Cable holder to keep things tidy

More on page 257

| | |
|---|-----------------------|
| Power consumption | 350–1200 W |
| Max. suction capacity | 4000 l/min |
| Max. vacuum | 23000 Pa (230 mbar) |
| Filter surface area | 10100 cm ² |
| Rubber-insulated mains cable | 7.5 m |
| Maximum appliance socket connected load | 2400 W |
| Weight | 14.5 kg |
| Dimensions (L x W x H) | 460 x 440 x 695 mm |



Special extractor SRM 312 LE-AS

Extra safety.



Main applications

- For wood dust and dust with MAK values > 0.1 mg/m³
- Extraction of combustible, explosive dust from dust explosion categories St1, St2 and St3 in Zone 22 (previously Zone 11)
- Corresponds to ATEX directive 94/9/ECC (type 22)/B1
- Integral automatic electronic switch-on/shut-off
- For aluminium sanding workplaces

Strengths and benefits

- Approved for dust category HEPA
- FlowDetect flow monitor for extra security
- Antistatic function prevents static developing during work
- Infinitely variable suction power adjustment for perfect suction power
- EC motor for continuous use and with service life up to ten times longer than that of a universal motor
- Cable holder and handle

More on page 257

| | |
|---|-----------------------|
| Power consumption | 350–1200 W |
| Max. suction capacity | 4000 l/min |
| Max. vacuum | 23000 Pa (230 mbar) |
| Filter surface area | 10500 cm ² |
| Rubber-insulated mains cable | 7.5 m |
| Maximum appliance socket connected load | 2400 W |
| Weight | 26.5 kg |
| Dimensions (L x W x H) | 560 x 590 x 975 mm |



Special extractor SRH 204 E-AS

Improved safety while working.



Main applications

- For wood dust and dust with MAK values < 0.1 mg/m³
- For carcinogenic and pathogenic dust
- For asbestos dust
- Integral automatic electronic switch-on/shut-off for extraction from electric power tools

Strengths and benefits

- Approved for dust categories M and H
- FlowDetect flow monitor for extra security
- Antistatic function prevents static developing during work
- Infinitely variable suction power adjustment for perfect suction power
- Cable holder to keep things tidy

More on page 257

| | |
|---|-----------------------|
| Power consumption | 350–1200 W |
| Max. suction capacity | 3400 l/min |
| Max. vacuum | 23000 Pa (230 mbar) |
| Filter surface area | 10500 cm ² |
| Rubber-insulated mains cable | 7.5 m |
| Maximum appliance socket connected load | 2400 W |
| Weight | 14.5 kg |
| Dimensions (L x W x H) | 460 x 440 x 695 mm |



Dust extraction Mobile dust extractor CT MINI



Small, compact, clean.

If you want to clean in the tightest of spaces and work healthily, you need look no further than the CT MINI. Its compact design and low weight make it the ideal companion for assembly work. The many benefits of the CT MINI show that being small does not necessarily mean making compromises.



The CT MINI is the flexible solution for cleaning indoor work areas.



Designed to clean in tight spaces and awkward areas, such as in cars.



At 9.5 kg, the CT MINI is lightweight, handy and easy to transport.

Small extractor – big on performance.

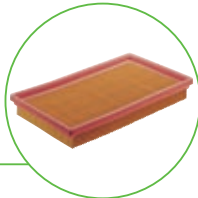
The CT MINI is a small, lightweight extractor suitable for various applications. Some extremely useful featured have been added because it is so versatile. An automatic electronic switch-on/shut-off and maximum utilisation of the filter bag capacity make it the perfect working companion.



Sys-Dock.
Nothing wobbles, nothing falls over. Sys-Dock will hold your SYSTAINERS firmly in place, allowing you to transport machines and accessories with no trouble at all.



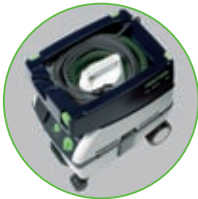
Storage compartment.
It can be very annoying when your filter bag is full and you have no replacement on the construction site! The CT MINI has a practical storage compartment so that you can take a replacement bag with you wherever you go.



Maximum utilisation.
The integral flat filter does not encroach on the dust bag container, guaranteeing maximum use of the container volume.



Maximum mobility.
The compact design of the CT MINI makes it mobile in the narrowest of spaces.



Store for hose and mains cable.
A specially designed depot has been integrated into the CT MINI housing for you to safely store the mains cable and hose within easy reach at all times. The grip is perfectly central for ergonomic transportation.



Locking brake.
The integral locking brake stops the CT MINI from rolling away while you are working or during transportation. An extractor that always stands firm.



Automatic electronic switch-on/shut-off.
The automatic electronic switch-on/shut-off starts the extractor automatically when a power tool connected to the extractor is switched on. With smooth start-up and shut-off delay, of course.



Tool-less filter change.
The filter should be changed occasionally so that the CT MINI can always operate at full capacity. This can be done easily and without using tools.

Mobile dust extractor CT MINI

E = with electronics

| Model | E | Equipment/Scope of delivery | Order no. |
|-------------|---|--|-----------|
| CT MINI | ● | 1 fitted filter bag, 1 replacement filter bag in storage compartment, 1 suction hose dia. 27 x 3.5 m-AS with rotating angle adapter for extractor end, max. container/filter bag capacity 10/7.5 l, dimensions (LxWxH) 440 x 340 x 420 mm, weight 9.5 kg | 583359 |
| CT MINI-Set | ● | With cleaning kit in a Systainer | 273359 |

Dust extraction

Mobile dust extractor CT MINI

CT MINI – compact and mobile.



Quick set-up.

Creating a clean and healthy working environment at the construction site is no longer a problem thanks to the CT MINI. You can transport this handy, lightweight extractor everywhere you go and easily connect it to any machine. With integral automatic electronic switch-on/shut-off.



For cleaning your car.

The CT MINI is also suitable for cleaning work. Its compact size, sophisticated technology and practical accessories make it a reliable, flexible partner.



A real lightweight.

The practical central handle and low weight allow you to use the CT MINI in tight working spaces. You can even carry the CT MINI up narrow ladders or use it in locations with difficult access.



No problem with water.

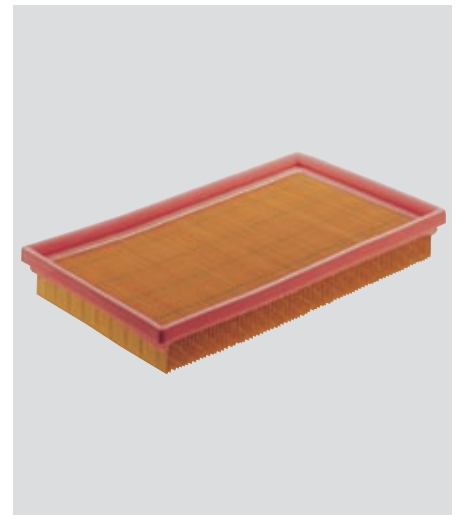
When dealing with fluids, the LevelStop switches off the machine before it can overflow. The motor is protected and the hose is emptied completely when the machine is switched off. Insert the wet filter with a few hand movements and your MINI is ready for wet operation.

Accessories for mobile dust extractor CT MINI can be found from page 259



Solid as a rock.

The CT MINI would not be so suitable for assembly if it did not have the appropriate equipment, eg the cable depot or the locking brake, which prevents the extractor from slipping while you work or rolling around in your car during transportation.



Maximum utilisation.

Flat filters do not encroach on the dust container and allow the filter bag to expand to its full size. Both the filter bag and the container volume are used to their full capacity as a result.

For more information, visit www.festool.com.au



More security for your health.

Dust is an extreme health hazard that can cause severe health problems. However, Festool has the answer - CT mobile dust extractors. You can use our mobile extractors for almost every kind of extraction work because they have been approved to extract all fine dust, including non-hazardous dust, with a value less than the general dust limit of $< 3 \text{ mg/m}^3$. In addition, the CT mobile dust extractors are also approved for hazardous dust with MAK values $> 1 \text{ mg/m}^3$, which include eg aluminium-hydroxide-based mineral materials and graphite dust.

DUST EXTRACTION



CT mobile dust extractors are available in different sizes with a container volume of between 10 and 55 litres.



CT mobile dust extractors reduce exposure to dust during sanding work to a minimum.



The extractors can easily tackle water and are fitted with an automatic level monitor (LevelStop).

Dust extraction

Mobile dust extractors CT

All extras already included.

Working with electric and pneumatic tools is always going to generate dust and chips, which are both bad for your health and cause a poor working environment. Festool developed CT mobile dust extractors to protect your health and keep your workplace clean, incorporating a host of useful features in the process.



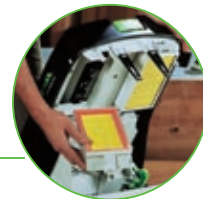
Sys-Dock.

Nothing wobbles, nothing falls over. Sys-Dock will hold your SYSTAINERS firmly in place, allowing you to transport machines and accessories with no trouble at all.



No problem with water.

With wet applications, the Level-Stop monitors the fluid level and switches the mobile dust extractor off when the container is full (dirt trap available as an accessory).



Tool-less filter change.

The filter should be changed occasionally so that the CT can always operate at full capacity. The flat filter can also be changed without using tools.



Mobility.

The large wheels on the CT mobile dust extractors make it easy to transport or pull up stairs (handle on CT 44 models and higher or available as an accessory).



Cable holder.

Everything needs its own storage space. The cable can be wound up directly on the mobile dust extractor to prevent it from getting in the way during transportation while keeping it close at hand at all times.



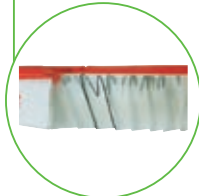
Filter bag.

The two-ply design of the filter bag makes it particularly tear-resistant and increases its stability. Alternatively, there is the robust reusable long-life filter bag made of high-strength, triple-ply, nonwoven polyester fabric (available as an accessory).



Storage compartment.

There is enough space in the practical storage compartment for accessories and a replacement filter bag. (CT 33 and larger)



Long-life main filter.

The unique M-fold prevents the filter from clogging quickly and guarantees perfect cleaning results in combination with the shaking device. (see accessories)

Mobile dust extractor CT – The different options

E = with electronics

| Model | E | Equipment/Scope of delivery | Order no. |
|--|---|---|----------------|
| CT 22 E | ● | 1 fitted filter bag, suction hose dia. 27 x 3.5 m-AS, max. container/filter bag capacity 22/20 l, dimensions (LxWxH) 625 x 380 x 440 mm, weight 12 kg | 583320 |
| CT 33 E, CT 33 E-LLF (longlife filter bag) | ● | 1 fitted filter bag, suction hose dia. 27 x 3.5 m-AS, max. container/filter bag capacity 33/30 l, dimensions (LxWxH) 625 x 380 x 550 mm, weight 14.5 kg | 583335, 270324 |
| CT 33 LE | ● | 1 fitted filter bag, 1 suction hose dia. 27 x 3.5 m-AS, compressed air connection with automatic air supply switch-on/shut-off, max. container/filter bag capacity 33/30 l, dimensions (LxWxH) 625 x 380 x 550 mm, weight 14.5 kg | 583329 |
| CT 44 E | ● | 1 fitted filter bag, suction hose dia. 27 x 3.5 m-AS, handle, max. container/filter bag capacity 44/42 l, dimensions (LxWxH) 710 x 380 x 935 mm, weight 20 kg | 583339 |
| CT 44 LE | ● | 1 fitted filter bag, 1 suction hose dia. 27 x 3.5 m-AS, handle, compressed air connection with automatic air supply switch-on/shut-off, max. container/filter bag capacity 44/42 l, dimensions (LxWxH) 710 x 380 x 935 mm, weight 20 kg | 583330 |
| CT 55 E | ● | 1 fitted filter bag, suction hose dia. 27 x 3.5 m-AS, handle, max. container/filter bag capacity 55/50 l, dimensions (LxWxH) 710 x 380 x 935 mm, weight 22 kg | 583340 |

CT – Gives you that bit extra.



Cleanliness for maximum efficiency.

The extractor must be maintained regularly to consistently achieve maximum suction power. Most importantly, the main filter should be changed on a regular basis. Changing the filters in CT mobile dust extractors is easy and does not require tools: the vacuum head can be locked open while doing this.



Quick attachment.

You can latch SYSTAINERS containing accessories or machines onto the extractor to keep both hands free for transporting your CT, allowing you to work more conveniently and keep easy track of your SYSTAINER.



Ample storage space.

The storage compartments (from model CT 33 upwards) in CT mobile dust extractors are practical for use at construction sites and in the workshop. There is sufficient space here to store extractor accessories, a replacement filter bag or hand tools.



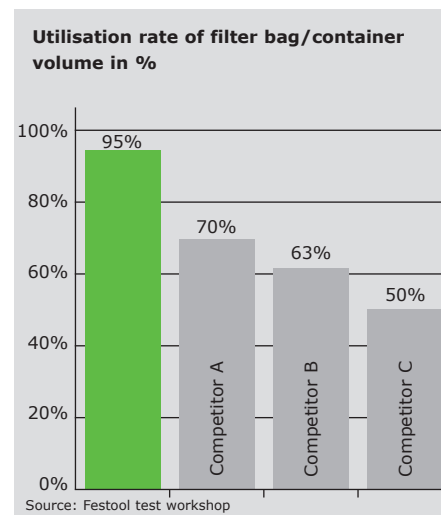
Machine-compatible.

CT mobile dust extractors have an integral automatic electronic switch-on/ shut-off, shut-off delay, smooth start-up and suction power adjustment functions so that you can work more safely and conveniently.



Hoses and other useful accessories.

Our comprehensive accessories programme guarantees efficient extraction in a wide range of tasks. For example, the practical suction hose with integral plug-it cable. Why use a separate hose and cable when you can combine them?



Economic efficiency at its best.

The flat filter and clever container design mean that filter elements and machine components do not protrude into the container on CT mobile dust extractors, allowing almost 100% utilisation of the filter bag/container volume.

More details at www.festool.com/facts.

For more information, visit www.festool.com.au

Accessories for mobile dust extractors CT can be found from page 260

Dust extraction

Mobile dust extractors CT-HEPA



CT-HEPA – The healthier option.

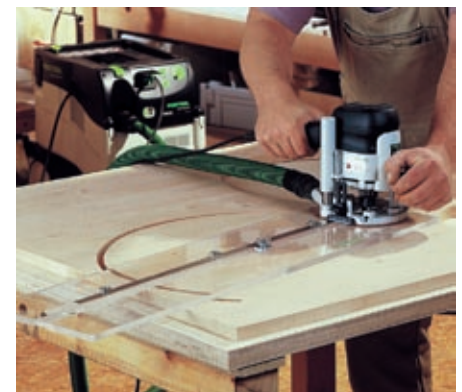
Breathing in dust is unpleasant and damages your health. Festool dust extractors provide effective protection and allow you to work with peace of mind. And now Festool CT mobile dust extractors come with a HEPA filter, for even more security. CT dust extractors with HEPA filter have a dust separation efficiency of more than 99.95%! Removing airborne particulate matter to .03 microns, they correspond to HEPA class H13 as per International Standard EN 1822. Can you afford not to have a Festool mobile dust extractor with HEPA?



CT-HEPA dust extractors range from container volumes of 22 l - 55 l.



CT-HEPA mobile dust extractors also ensure clean and safe working conditions when combined with electric power tools such as jigsaws.



Whether chips or fine dust, CT-HEPA dust extractors remove it all.

There's more to it than meets the eye.

When extracting chips and dust using electric or pneumatic tools, you can count on Festool. CT-HEPA mobile dust extractors generate maximum suction power and offer many useful features for extracting 99.95% of dust.






No problem with water.
With wet applications, the Level-Stop monitors the fluid level and switches the mobile dust extractor off when the container is full (dirt trap available as an accessory).



Toolless filter change.
The HEPA filter should be changed occasionally so that the CT can always operate at full capacity. The flat filter can also be changed without using tools.



Filter bag.
The two-ply design of the filter bag makes it particularly tear-resistant and increases its stability. A nonwoven-fabric reinforced filter bag (FIS SP-VLIES) is available for increased loads eg when extracting fine dust.



Cable holder.
Everything needs its own storage space. The cable can be wound up directly on the extractor to prevent it from getting in the way during transportation while keeping it close at hand at all times.




Smooth start-up.
The smooth start-up function prevents the safety fuse from tripping by staggering the start-up of the CT-HEPA mobile dust extractor and tool.



HEPA filter.
With a dust separation efficiency of more than 99.95%, the HEPA filter corresponds to HEPA class H13 as per International Standard EN 1822 and guarantees safe, perfect cleaning results.



Storage compartment.
It can be very annoying when your filter bag is full and you have no replacement on the construction site! This model has a practical storage compartment for storing accessories and a replacement filter bag (CT 33 models and higher).



Mobility.
The large wheels on the CT-HEPA mobile dust extractors make it easy to transport or pull up stairs (handle on CTM 44 models and higher or available as an accessory).

Mobile dust extractor CT-HEPA – The different options

E = with electronics

| Model | E | Equipment/Scope of delivery | Order no. |
|--------------|---|---|-----------|
| CT-HEPA 22 E | ● | 2 fitted filter bag, suction hose dia. 27 x 3.5 m-AS, max. container/filter bag capacity 22/20 l, dimensions (LxWxH) 625 x 380 x 440 mm, basic cleaning kit, weight 12 kg | 583365 |
| CT-HEPA 33 E | ● | 2 fitted filter bag, suction hose dia. 27 x 3.5 m-AS, max. container/filter bag capacity 33/30 l, dimensions (LxWxH) 625 x 380 x 550 mm, basic cleaning kit, weight 14.5 kg | 583367 |
| CT-HEPA 44 E | ● | 2 fitted filter bag, suction hose dia. 27 x 3.5 m-AS, handle, max. container/filter bag capacity 44/42 l, dimensions (LxWxH) 710 x 380 x 935 mm, basic cleaning kit, weight 20 kg | 583369 |
| CT-HEPA 55 E | ● | 2 fitted filter bag, suction hose dia. 27 x 3.5 m-AS, handle, max. container/filter bag capacity 55/50 l, dimensions (LxWxH) 710 x 380 x 935 mm, basic cleaning kit, weight 22 kg | 493334 |

Dust extraction

Mobile dust extractors CT-HEPA

CT-HEPA – For the sake of your health.



Excellent values.

CT-HEPA mobile dust extractors meet special safety standards. They have a dust separation efficiency of more than 99.95%, corresponding to HEPA class H13 as per IS EN-1822 and AS 4260.



Always enough air.

CT-HEPA machines give you clean air, removing airborne particulate matter to .03 microns. So your workplace is both safe and healthy.



Filter change? No problem!

Changing the main filter can sometimes be tedious. Not unless you have a Festool CT-HEPA mobile dust extractor, of course where changing the filter is easy and does not require tools. The vacuum head can also be locked open while doing this.



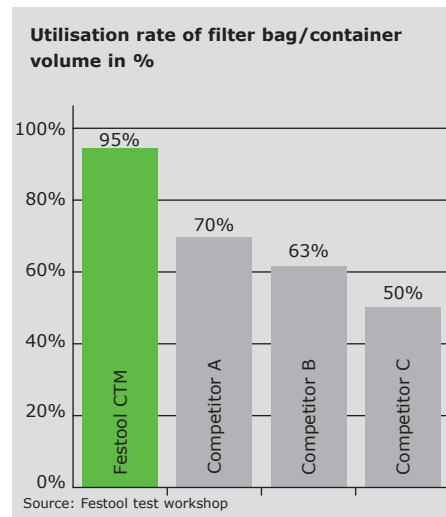
Quick attachment.

You can latch SYSTAINERS containing accessories or machines onto the extractor to keep both hands free for transporting your CT-HEPA.



Controlled power.

Maximum suction capacity is not always an advantage when sanding flat surfaces, for example, because excessive suction prevents you from moving the sander in a controlled manner. The suction power adjustment function eliminates this unwanted effect.



Economic efficiency at its best.

The flat filter and clever container design mean that filter elements and machine components do not protrude into the container on CT-HEPA mobile dust extractors, allowing almost 100% utilisation of the filter bag/container volume. More details at www.festool.com/facts.

The three specialists for extraction problems that are out of the ordinary.

Whether you require a dust extractor for hazardous, carcinogenic or even explosive dust or for special workshop or industrial applications, Festool have the experience, the know-how and the expertise in all areas of legislation to give you competent advice and help you solve your extraction problems.



SRM 212 LE-AS
Proven extractor with immense suction power
Equipped with an electronic commutated drive (**EC drive**), this model is tailor-made for continuous industrial **use**. For example, operated as a semi-stationary unit for extracting dust or chips produced by manufacturing processes involving the machining of metal, plastic or ceramic components.

SRM 312 LE-AS
A remarkable tool for optimum safety
Many dusts are classified as potentially explosive and extracting them requires specially-equipped dust extractors. These dusts include paper dust, certain types of soot, dust from sanding, routing or sawing various plastics, powder coatings, aluminium and zinc dusts. There are also clear safety requirements on their use near certain technical facilities such as powder-coating systems or paintshops. This makes the SRM 312 LE-AS the right choice. The SRM 312 LE-AS complies with the **ATEX Directive** (EU 94/9/EU) and provides security when extracting dust from explosion classes St 1, St 2 and St 3 in Zone 22 (previously Zone 11).



Aluminium sanding workplaces
The SRM 312 LE-AS, in conjunction with Festool pneumatic tools, is ideal for organising aluminium sanding workplaces. Only the correct combination of a special dust extractor and pneumatic tool meets safety requirements. Festool also has the necessary know-how and advisory competence in this area.

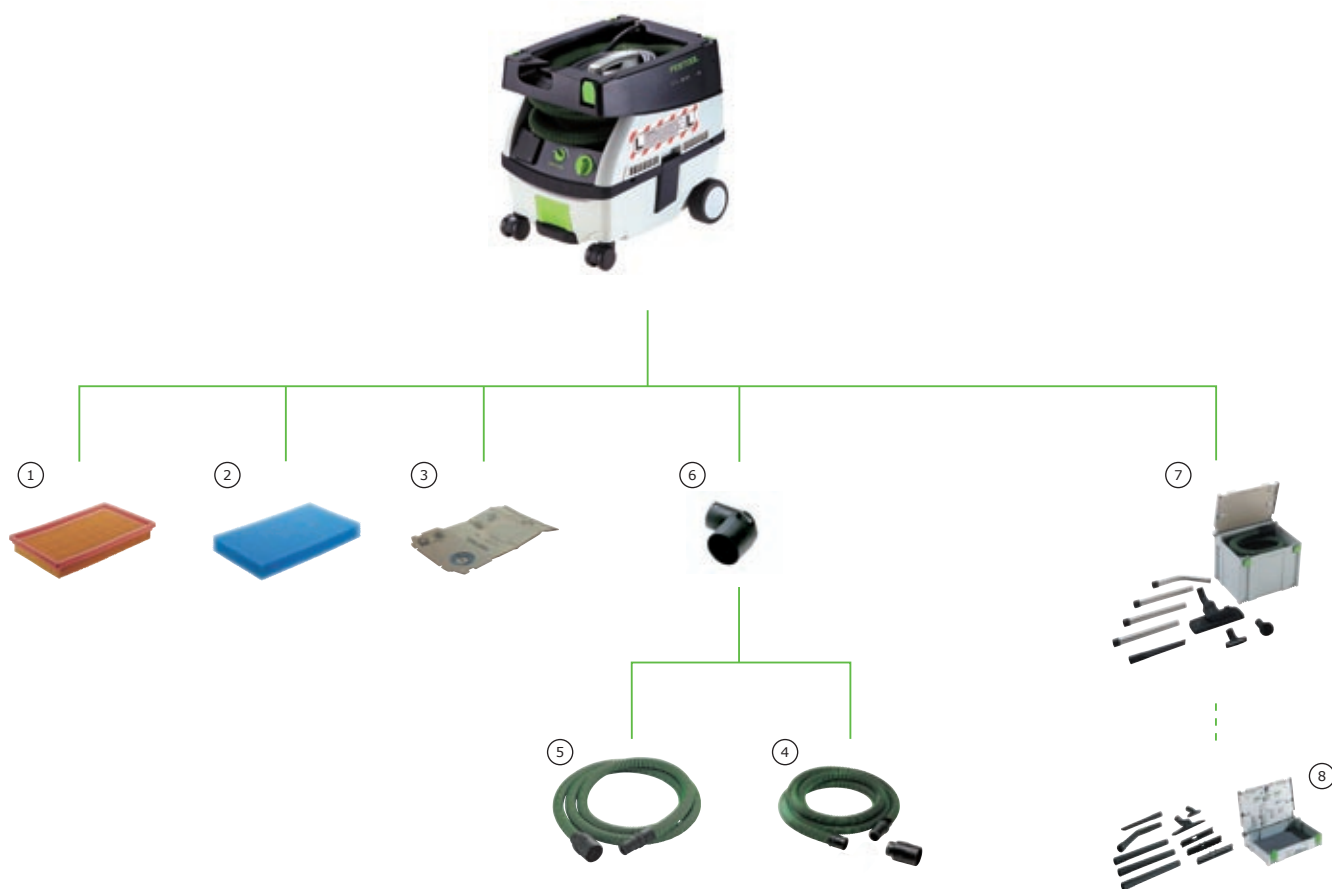


SRH 204 E-AS
The special tool for maximum safety while working
When extracting carcinogenic or pathogenic dust, the SRH achieves maximum safety thanks to its 99.995% degree of filtration. Hazardous dusts, such as those created when handling asbestos, renovating parquet flooring that has been treated with polycyclic aromatic hydrocarbons (PAHs) or treating impregnated wooden surfaces with hazardous wood preservatives, no longer pose a problem.

| Special extractors – The different options | | | E = with electronics |
|--|---|---|----------------------|
| Model | E | Equipment/Scope of delivery | Order no. |
| Special extractor SRM 212 LE-AS | ● | 1 fitted filter bag, suction hose dia. 27 x 3.5 m-AS, compressed air kit, in a box, weight 14.5 kg, dimensions (LxWxH) 460 x 440 x 695 mm, max. container/filter bag capacity 50/25 l | 583233 |
| Special extractor B1 SRM 312 LE-AS | ● | 1 filter bag, suction hose dia. 27 x 3.5 m-AS, compressed air kit, in a box, weight 26.5 kg, dimensions (LxWxH) 560 x 590 x 975 mm, container/filter bag capacity 63/38 l | 583282 |
| Special extractor SRH 204 E-AS | ● | 1 filter bag, suction hose dia. 27 x 3.5 m-AS, in a box, weight 14.5 kg, dimensions (LxWxH) 460 x 440 x 695 mm, max. container/filter bag capacity 50/25 l | 583283 |

Dust extraction Accessories

System overview and accessories



Accessories for CT MINI

| Product | Explanation | Order no. |
|---|---|---------------|
| ① Main filter HF-CT-MINI | For CT MINI, CTL MINI, qty. in pack: 1 | 456790 |
| ② Wet filter NF-CT-MINI | For CT MINI, CTL MINI, qty. in pack: 1 | 456805 |
| ③ Filter bag FIS-CT-MINI 5x | For CT MINI, CTL MINI, qty. in pack: 5 | 456772 |
| ④ Suction hose D 27 Antistatic D 27x3.5m-AS | With rotating adapter and reducing sleeve, length 3.5 m | 452878 |
| ⑤ Suction hose D 22 Antistatic D 22x3.5m-AS | With rotating angle adapter D 27 and reducing sleeve D 22, length 3.5 m | 456745 |
| ⑥ Rotating angle adapter D 27 DAG/90 degree - AS | For antistatic suction hoses D 22 and D 27, hose sleeve for connection to inlet nozzle on the dust extractor | 456806 |
| ⑦ Industrial cleaning set D 36 HW-RS-Plus | Suction hose D 36x3.5m-AS, curved hand tube D 36 HR-M, 3 extension tubes D 36 VR-M, carpet nozzle D 36 TD, crevice nozzle D 36 FD, upholstery nozzle D 36 PD, suction brush D 36 SP, in SYSTAINER | 454766 |
| ⑧ Compact cleaning set D 27/D 36 K-RS-Plus | Curved hand tube D 36 HR-K, 3 extension tubes D 36 VR-K, floor nozzle 4-piece D 36 BD270, crevice nozzle D 36 FD, upholstery nozzle D 36 PD, in Systainer | 456736 |
| Other accessories | From page 259 | |

For more information, visit www.festool.com.au

Dust extraction

System overview

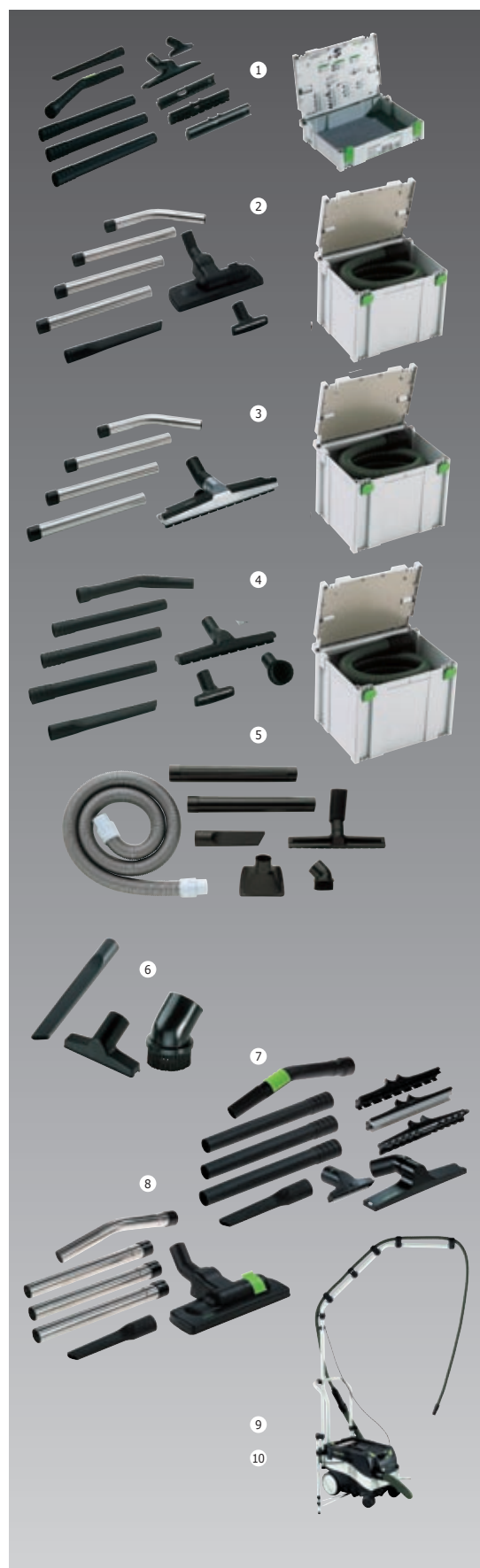


AS = Antistatic

Ordering details can be found from page 260

Dust extraction Accessories

Cleaning sets¹⁾ CT/SR

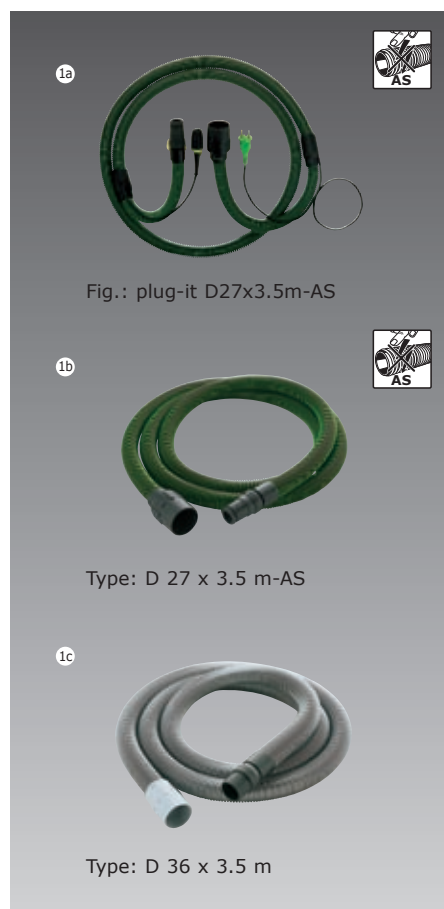


| No. | Description | Type | Order no. |
|-----------|---|---|-----------|
| 1 | Compact cleaning set In SYSTAINER SYS 2 Hand pipe, curved Extension tube 4-piece floor nozzle Crevice nozzle Upholstery nozzle | D 27/D 36 K-RS-Plus D 36 HR-K D 36 VR-K 3x D 36 BD270 D 36 FD D 36 PD | 456736 |
| 2 | Industrial cleaning set In SYSTAINER SYS 5 With deep-drawn insert SYS TZE-RS Suction hose Hand pipe, curved Extension tube Carpet nozzle Crevice nozzle Upholstery nozzle Suction brush | D 36 HW-RS D 36 x 3,5 m-AS D 36 HR-M D 36 VR-M 3x D 36 TD D 36 FD D 36 PD D 36 SP | 454766 |
| 3 | Workshop cleaning set In SYSTAINER SYS 5 With deep-drawn insert SYS TZE-RS Suction hose Hand pipe, curved Extension tube Floor nozzle | D 36 WB-RS D 36 x 3,5 m-AS D 36 HR-M D 36 VR-M 3x D 36 BD-370 | 454767 |
| 4 | Universal cleaning set In Systainer SYS 4 With deep-drawn insert SYS TZE-RS Suction hose Hand pipe, curved Extension tube Floor nozzle Crevice nozzle Upholstery nozzle Suction brush | D 36 UNI-RS D 36 x 3,5 m D 36 HR-K D 36 VR-K 3x D 36 BD 300 D 36 FD D 36 PD D 36 SP | 454769 |
| 5 | Heavy-duty cleaning set Suction hose Extension tube Floor nozzle Square nozzle Suction brush Crevice nozzle | D 50 GS-RS D 50 x 2,5 m D 50 VR-K 2x D 50 BD 370 D 50 QD D 50 SP D 50 FD | 454770 |
| 6 | Nozzle cleaning set Crevice nozzle Upholstery nozzle Suction brush | D 27/D 36 D-RS D 36 FD-210 D 36 PD D 36 SP | 492392 |
| 7 | Standard cleaning set, in a box Hand pipe, curved Extension tube 4-piece floor nozzle Crevice nozzle Upholstery nozzle | D 27/D 36 S-RS D 36 HR-K D 36 VR-K 3x D 36 BD 270 D 36 FD-210 D 36 PD | 492389 |
| 8 | Professional cleaning set, in a box Hand pipe, curved Extension tube Reversible floor nozzle Crevice nozzle | D 27/D 36 P-RS D 36 HR-M D 36 VR-M 3x D 36 TD D 36 FD-210 | 492390 |
| 9 | CT boom arm, in a box Handle not included For all CT, CTL, CTM models Size 44 and 55 Tube set with connectors | CT-ASA | 492766 |
| 10 | CT boom arm, in a box With handle For all CT, CTL, CTM models, size 22 and 33, tube set with connectors | CT-ASA/SB | 492771 |

AS = Antistatic

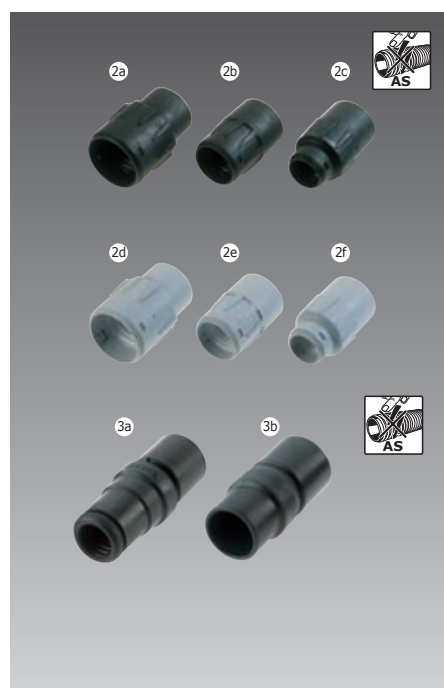
¹⁾ Efficient extraction in combination with suction hoses D 36 and D 50.

CT/SR suction hoses



| No. | Type | Description and application | Order no. |
|-----|-------------------------|--|-----------|
| 1a: | plug it D 27 x 3,5 m-AS | With plug-it adapter, length: 3.5 m | 456746 |
| | plug it D 27 x 3,5 m | With plug-it adapter, length: 3.5 m | 456748 |
| 1b: | Antistatic | | |
| | | Corresponds to DIN IEC 312, antistatic version is leak-resistant ¹⁾ $\leq 10^6$ ohms, temperature-resistant up to + 70° C | |
| | D 22 x 3,5 m-AS | With rotating adapter and reducing sleeve ²⁾ | 456745 |
| | D 27 x 3,5 m-AS | With rotating adapter and connector | 452878 |
| | D 27 x 5 m-AS | With rotating adapter and connector | 452880 |
| | D 27 MW-AS | By the metre (w/o rotating adapter/red. sleeve) | 452384 |
| | D 36 x 3,5 m-AS | With rotating adapter and connector | 452882 |
| | D 36 x 5 m-AS | With rotating adapter and connector | 452884 |
| | D 36 x 7 m-AS | With rotating adapter and connector | 452886 |
| | D 36 MW-AS | By the metre (w/o rotating adapter/red. sleeve) | 452385 |
| | D 50 x 2,5 m-AS | With rotating adapter and connector | 452888 |
| | D 50 x 4 m-AS | With rotating adapter and connector | 452890 |
| | D 50 MW-AS | By the metre (w/o rotating adapter/red. sleeve) | 452386 |
| | D 27 x 3,5 m-AS/B1 | Special design only for SRM 312 LE-AS | 489266 |
| 1c: | Not antistatic | | |
| | D 27 x 3,5 m | With rotating adapter and connector | 452877 |
| | D 27 x 5 m | With rotating adapter and connector | 452879 |
| | D 27 MW | By the metre (w/o rotating adapter/red. sleeve) | 452383 |
| | D 36 x 3,5 m | With rotating adapter and connector | 452881 |
| | D 36 x 5 m | With rotating adapter and connector | 452883 |
| | D 36 x 7 m | With rotating adapter and connector | 452885 |
| | D 36 MW | By the metre (w/o rotating adapter/red. sleeve) | 454157 |
| | D 50 x 2,5 m | With rotating adapter and connector | 452887 |
| | D 50 x 4 m | With rotating adapter and connector | 452889 |
| | D 50 MW | By the metre (w/o rotating adapter/red. sleeve) | 454158 |

CT/SR hose sleeves



| No. | Type | Description and application | Order no. |
|-----|-------------------------|---|-----------|
| | Rotating adapter | | |
| | | Hose sleeve for connection to inlet nozzle on the dust extractor, outer dia. 58 mm. | |
| 2a: | D 50 DAG-AS | For AS suction hose D 50 | 452896 |
| 2b: | D 36 DAG-AS | For AS suction hose D 36 | 452894 |
| 2c: | D 27 DAG-AS | For AS suction hose D 27 | 452892 |
| 2d: | D 50 DAG | For suction hose D50 | 452895 |
| 2e: | D 36 DAG | For suction hose D36 | 452893 |
| 2f: | D 27 DAG | For suction hose D27 | 452891 |
| | Reducing sleeve | | |
| | | Hose sleeve for connection to electric power tool or suction nozzle | |
| | D 22 DM-AS (not shown) | With rotating adapter for suction hoses D 22 | 456756 |
| 3a: | D 27 DM-AS | With rotating adapter for suction hoses D 27 | 487071 |
| 3b: | D 36 DM-AS | With rotating adapter for suction hoses D 36 | 487721 |

¹⁾ The antistatic function is only guaranteed when used with a dust extractor with antistatic equipment

²⁾ Extremely flexible: ideal for PS/LS/ES/RS400/DS400/RS300/DX.

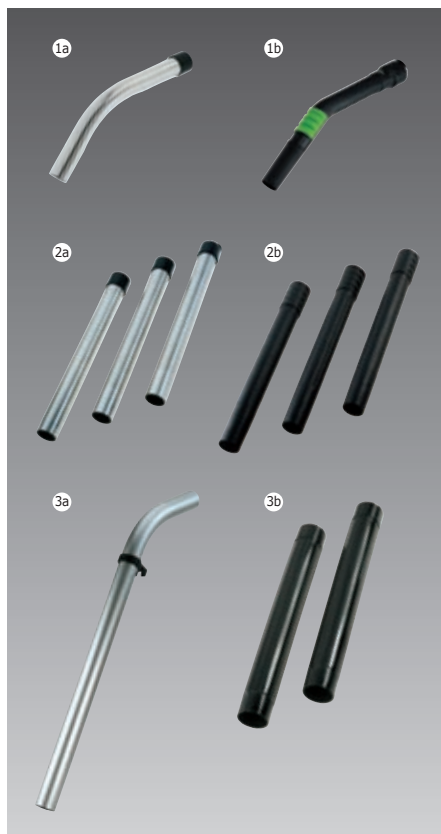
Dust extraction Accessories

CT/SR hose sleeves



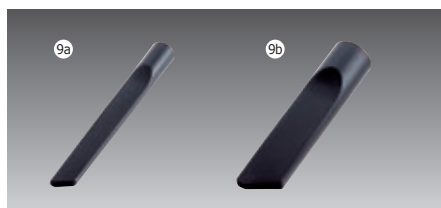
| No. | Type | Description and application | Order no. |
|-----------|------------------------------------|--|-----------|
| 4: | D 50/D 36 AA | Extraction adapter | 452897 |
| 5: | D 50/D50 VM-AS | Connector sleeve¹⁾ for connecting suction hoses D 50/D 36/D 27 | 493047 |
| 6: | D 50 SV-AS/D 50 V | Y-connector with end cap²⁾ for connecting 2 suction hoses D 27/36/50 | 452898 |
| 7: | D 50 V | End cap For CT, CTL, CTM models apart from the CT/CTL MINI For closing off the inlet nozzle when transporting the extractor | 452899 |
| 8: | D 27 DAG/90 Grad-AS (not shown) | Rotating angle adapter for connecting Festool suction hoses D 22 and D 27 to the CTL MINI | 456806 |

CT/SR tubes



| No. | Type | Description and application | Order no. |
|------------|--------------|--|-----------|
| 1a: | D 36 HR-M | Hand tube , curved, stainless steel | 452900 |
| 1b: | D 36 HR-K | Hand tube , curved, made from polypropylene (PP), sliding air regulator for adjusting the suction power | 452901 |
| 2a: | D 36 VR-M 3x | Extension tube , stainless steel, 3-piece (L = 950 mm) | 452902 |
| 2b: | D 36 VR-K 3x | Extension tube , made from polypropylene (PP), 3-piece (L = 950 mm) | 452903 |
| 3a: | D 50 VR-M | Extension tube , anodised aluminium, 1-piece (L = 1100 mm) | 447599 |
| 3b: | D 50 VR-K 2x | Extension tube , plastic, 2-piece (L = 970 mm) | 440412 |

CT/SR crevice nozzles



| No. | Type | Description and application | Order no. |
|------------|----------------------------|---|-----------|
| 9a: | D 36 FD-300 | Crevice nozzle , plastic, L = 300 mm | 452904 |
| 9b: | D 50 FD | Crevice nozzle , plastic, L = 270 mm | 452912 |
| 9c: | D 36-FD-210 (not shown) | Crevice nozzle , plastic, L = 210 mm | 492391 |

AS = Antistatic

¹⁾ The reducing sleeve on D 36/D 27 hoses must be exchanged for rotating adapter D 36/D 27.

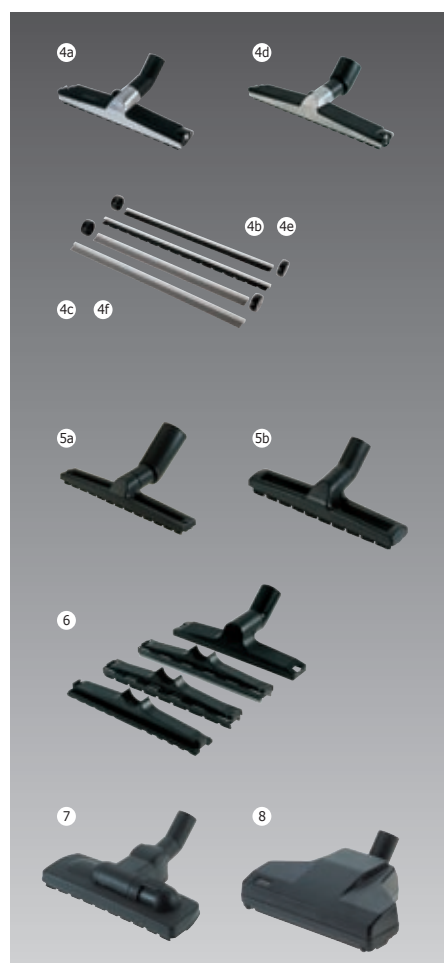
²⁾ For simultaneous connection of two electric or compressed air tools for dust extraction; simultaneous operation not allowed with dust extractors that have approval for hazardous dust.

CT/SR brushes/nozzles



| No. | Type | Description and application | Order no. |
|------------|----------|--|-----------|
| 1a: | D 36 SP | Suction brush , plastic, dia. 70 mm | 440404 |
| 1b: | D 50 SP | Suction brush , plastic, dia. 85 mm | 440419 |
| 2a: | D 36 PD | Upholstery nozzle , plastic, with brush insert, width 120 mm | 440406 |
| 2b: | D 36 SRD | Bevel-ended nozzle , rubber, L = 190 mm, outer dia. 40 mm | 411810 |
| 3a: | D 36 FDG | Flat nozzle , oil-resistant, special rubber, width 100 mm | 440408 |
| 3b: | D 36 UBD | Universal brush nozzle , plastic, with brush ring 120 x 40 mm | 440403 |

CT/SR floor nozzle*



| No. | Type | Description and application | Order no. |
|------------|----------------|---|-----------|
| 4a: | D 36 BD 370 | Floor nozzle high-quality industrial version, aluminium, width 370 mm, 2 rollers, 2 brush inserts | 452908 |
| 4b: | D 36 BS-BD 370 | Exchangeable wear parts: Brush insert + rollers | 452934 |
| 4c: | D 36 GL-BD 370 | Water extraction retrofit kit: Rubber lips + rollers | 452936 |
| 4d: | D 50 BD 450 | Floor nozzle high-quality industrial version, aluminium, width 450 mm, 2 rollers, 2 brush inserts | 452910 |
| 4e: | D 50 BS-BD 450 | Exchangeable wear parts: Brush insert + rollers | 452935 |
| 4f: | D 50 GL-BD 450 | Water extraction retrofit kit: Rubber lips + rollers | 452937 |
| 5a: | D 36 BD 300 | Floor nozzle , plastic, width 300 mm, 2 rollers, 2 brush inserts | 452907 |
| 5b: | D 50 BD 370 | Floor nozzle , plastic, width 370 mm, 2 rollers, 2 brush inserts | 452909 |
| 6: | D 36 BD 270 | Floor nozzle 4-piece, plastic, with 3 replacement inserts (brushes, rubber lips, carpet) | 452906 |
| 7: | D 36 TD | Carpet nozzle , with sliding base, suitable for textiles or hard floors (adjustable) | 452911 |
| 8: | D 36 TKB | Turbo combination suction brush For textile and linoleum floors, with 4 rollers, width 270 mm, brush rollers driven by intake air | 450644 |

* Efficient extraction in combination with suction hoses, dia. 36 or dia. 50

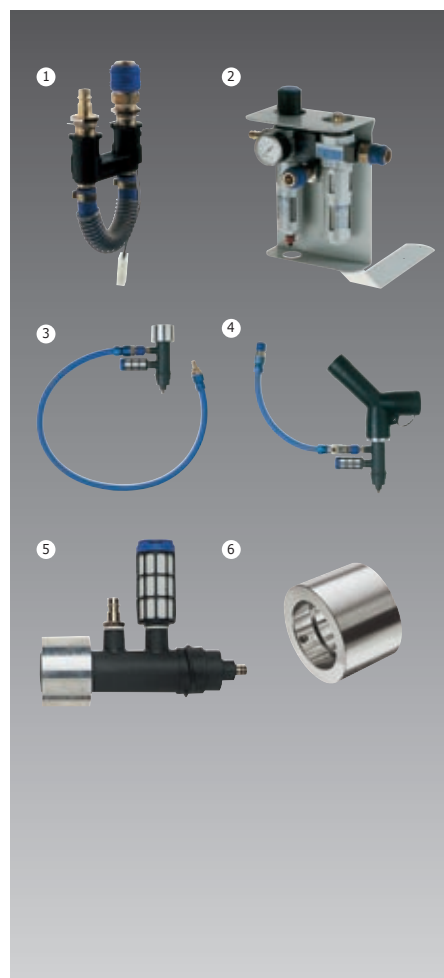
Dust extraction Accessories

CT accessories



| No. | Description | Type | Order no. |
|-----|--|------------------------|------------------|
| 1: | Spark trap For use when sanding materials that generate sparks, For CT, CT-HEPA models apart from the CT MINI | D 50 FL | 484733 |
| 2: | Handle For CT, CT-HEPA models apart from the CT MINI | SB-CT | 452921 |
| 3: | Hose hook For winding up the suction hose; For CT, CT-HEPA models apart from the CT MINI | SH-CT | 452998 |
| 4: | Hose holder Eliminates the dangerous obstacle posed by hoses lying on the floor. For CT, CT-HEPA models apart from the CT MINI | SHR-CT/SR | 487072 |
| 5: | Dirt trap For extracting coarse dirt saturated with liquid (eg metal chips and coolant). CT 22 E, CT-HEPA 22 E CT 33 E/LE, CT-HEPA 33 E | SBH-CT 22 SBH-CT 33 | 452925 452926 |

CT/SR air accessories



| No. | Description | Type | Order no. |
|-----|---|----------------|-----------|
| 1: | Compressed air module¹⁾ For upgrading the CT mobile extractor from model E to LE by adding additional automatic on/off switch for pneumatic tools Switching process is activated via a sensor element in the intake air flow. Problem-free function in combination with all pneumatic tools. | DLM-CT | 452829 |
| 2: | Service unit¹⁾²⁾ For CT mobile dust extractor, LE model , consists of a filter with condensate drain, pressure regulator, oiler and additional oil-free compressed air outlet with quick coupling pre-fitted to holding bracket, including fixing parts and compressed air connection hose. | VE-CT | 452797 |
| 3: | IAS 2 adapter¹⁾ For connecting LE versions of CT mobile dust extractors to IAS 2 pneumatic tools via the IAS 2 hose. Parts set complete with compressed air connection hose and IAS 2-A/SR adapter for extractor port, antistatic design. | IAS 2-A-ASA/CT | 454757 |
| 4: | IAS 2 double adapter¹⁾³⁾ For simultaneous connection of 2 IAS 2 pneumatic tools (additional IAS 2 adapter IAS 2-A-CTL required) for alternate operation, complete parts set consisting of Y-connector with end cap D 50 SV-AS/D 50 V, IAS 2 adapter IAS 2-A-SR and compressed air connection hose, antistatic version. | IAS 2-DA-CT | 454758 |
| 5: | IAS 2 adapter Adapter for connecting LE versions of the SR dust extractor to IAS 2 hoses Integrated connection for compressed air supply, antistatic design. | IAS 2-A-SR | 488181 |
| 6: | Connecting sleeve Special version for the SRM 312 LE-AS dust extractor , aluminium, only for use with IAS 2 adapter IAS 2-A-SR | IAS 2-AK-B1 | 489263 |
| | Service unit (not shown) For LE dust extractors (integrated automatic on/off switch for compressed air tool) from the SR 200 series | VE-SR 200 | 488525 |
| | Service unit (not shown) For LE dust extractors (integrated automatic on/off switch for compressed air tool) from the SR 300 series | VE-SR 300 | 488090 |

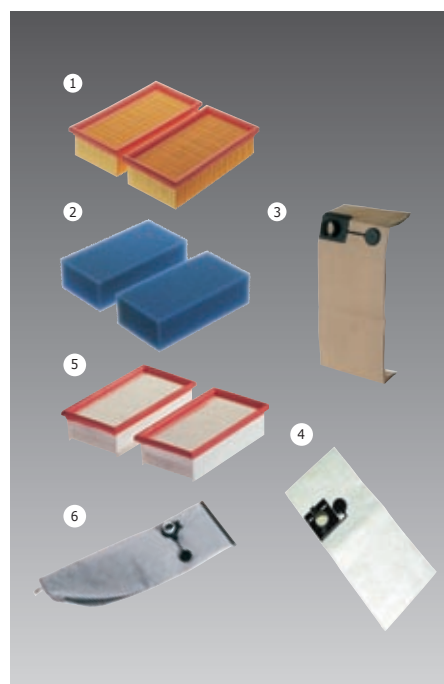
¹⁾ Not suitable for CT 11.

²⁾ Can only be fitted in combination with the SB-CT handle on the CT/CT-HEPA 22/33.

³⁾ Only to be operated in combination with IAS 2-A-CT!

*: 1 item included in scope of delivery for mobile dust extractor

CT filters and filter bags



| No. | Description | Type | Order no. |
|---------------------------------|-------------------------------|---|--|
| 1: Filter element | Main filter, 2 items | HF-CT For all CT, CT-HEPA models apart from the CT MINI | 452923 |
| 2: Filter element | Wet filter, 2 items | NF-CTL For all CT, CTM, CTL models apart from the CT MINI and CTL MINI | 452924 |
| 3: Filter bag | 5 items | FIS-CT 11; for CT 11 E FIS-CT 22; for CT 22 E, CT-HEPA 22 E FIS-CT 33; for CT 33 E/LE, CT-HEPA 33 E FIS-CT 44; for CT 44 E/LE, CT-HEPA 44 E FIS-CT 55; CT 55 E, CT-HEPA 55 E | 452974 452970 452971 452972 452973 |
| 4: Filter bag | 5 items 5 items 5 items | With outer layer made from Spunbond nonwoven polyester fabric; particularly tear-resistant, for extracting super-fine dust FIS-CT 22; SP Vlies/5 for CT 22 E, CT-HEPA 22 E FIS-CT 33; SP Vlies/5 for CT 33 E/LE, CT-HEPA 33 E FIS-CT 44; SP Vlies/5 for CT 44 E/LE, CT-HEPA 44 E | 456870 456871 456874 |
| 5: Long-life main filter | 2 items | Long-life HF-CT/3 For all CT, CTM, CTL models apart from the CT MINI and CTL MINI | 454869 |
| 6: Long-life filter bag | | Robust, reusable filter bag made from nonwoven polyester fabric Long-life FIS-CT 22; CT 22 E, CTL 22 E ¹⁾ Long-life FIS-CT 33; CT 33 E/LE, CT-HEPA 33 E ¹⁾ , Long-life FIS-CT 44; CT 44 E/LE, CT-HEPA 44 E ¹⁾ , Long-life FIS-CT 55; CT 55 E, CT-HEPA 55 E ¹⁾ | 456737 456738 456739 456740 |

Accessories for the CT/CTL MINI can be found on page 258.

¹⁾ To be used only for extraction of dust types which are **not** hazardous to health.

SR filters, bags, accessories



| No. | Description | Type | Order no. |
|---|--|--|--|
| Absolute filters, BIA approved | | | |
| 6a: AB-FI/U (3150) | SR 5, SR 200, SR 201 SR 151 | | 485808 488461 |
| 6b: AB-FI/C (10500) | SR 6, SR 12, SR 14, SR 202, SR 212, SR 203, SR 301, SR 302, SR 303 SRM 152, SRM 312 | | 486241 488924 |
| MI-FI/K1 (10500) (not shown) Application category K1/H | SR 15, SR 6, SR 12, SR 14, SR 202, SR 212, SR 203, SR 301, SR 302, SR 303 SRH 204 | | 486145 489221 |
| 7: 2-ply filter bag | BIA-approved, for substances with MAK values FIS-SR 5/6, qty.: 5 FIS-SR 12/14, qty.: 5 FIS-SR 150, qty.: 5 FIS-SR 200, qty.: 5 FIS-SR 300, qty.: 5 FIS-SR 5/6, qty.: 20 FIS-SR 200, qty.: 20 | SR 5, SR 6 SR 12, SR 14 SR 151, SR 152 SR 200, R 201, SR 203 SR 301, SR 303, SRM 312 SR 5, SR 6 SR 200, SR 201, SR 203 | 483143 483142 488460 487070 487790 487875 487874 |
| 8: 2-ply filter bag | BIA-approved for substances with MAK values and carcinogenic substances as defined by GefStoffv § 35. FIS-SR 15, qty.: 5 (incl. substances as per § 15a) FIS-SR 202/212, qty.: 5 FIS-SR 302, qty.: 5 | SR 15, SR 12, SR 14 SR 203, SR 301, SR 303, SR 202, SR 212, SRH 204 SR 302, SR 301, SR 303, SRM 312 | 483889 487482 488439 |
| Absolute filter | AB-FI/U (10100) for SR 12, SR 11, SR 10 (not shown) | | 485809 |
| Air filter holder | LFC-SR 200 For the motor protection against air dust | SRM 312, SR 151, SRM 152, SR 200, SR 201, SR 202, SR 203, SR 212, SRH 204, SR 301, SR 302, SR 303 (not shown) | 487540 |
| Long-life pre-filter: | Replacement for FIS filter bag, used for coarse dirt, on all SR extractors except SR 15, SRH 204, SRM 312. (not shown) | VF-Multi | 451230 |
| Filter insert (not shown): | Foam filter for SRM 312 (1 item in scope of delivery), qty.: 2 | FE-LFC | 447221 |
| 9: Spark trap for dust extractor | For use when sanding materials that generate sparks | D 50 FL | 484733 |

The guide rail is synonymous with Festool.

The guide rail and the Festool brand go hand in hand. After all, who else other than the inventor can look fondly back over 40 years of experience? Festool applies a wealth of experience in manufacturing guide systems and accessories for the toughest demands, consistently aiming to achieve perfect working results more quickly, easily and efficiently.



The right guide rail

Page **268**

Accessories

Page **272**

Applications

Page **269**

Dual suction pad *GECKO®*

Page **273**



Guide systems

The guide rail

The right guide rail.



Making precision cuts with a saw or straight grooves with a router is not as easy as it sounds. Unless you work with Festool.

The guide rail is your solution for accurate working results. The fine details make it so unique. For example the slideway lining, which allows the machine to glide smoothly along the rail; or the screw and lever clamp groove for secure positioning



Simple transfer of angles to the workpiece with the combination bevel and guide rail.

on the workpiece; or the work base. Plus the accessories groove for attaching the combination bevel, the limit stop and the dual suction pad and the unique splinter-guard, which ensures splinter-free cuts at any time. All these features are included in a complete system of accessories – giving



Guide rail and plunge-cut saw for splinter-free cuts and rapid working results.

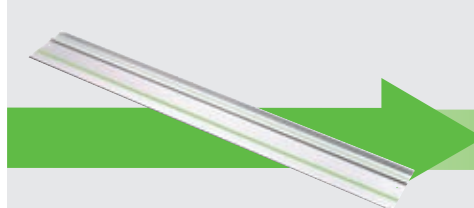
even more options and improved quality working results.

- Safe, perfectly straight machine guidance
- Slideway lining for smooth running along the rail
- Splinterguard for splinter-free cuts
- Grooves for attaching accessories



Multifunction table + guide rail = a strong team. This combination will help you to produce quick quality working results at assembly sites or in the workshop.

FESTOOL THE SYSTEM



Guide system.

The Festool guide system with guide rails between 800 mm and 5000 mm in length. Precise systematic work.



Workspace system.

The MFT – versatile in the workshop, practical for assembly and an ideal supplement to the guide rail.

Multifunction table from page 91



System plunge-cut saws.

Plunge-cut saw and guide rail for precision cuts that are splinter-free on both sides.

Plunge-cut saws from page 46

Application overview – Guide systems

Festool guide systems are as diverse as the applications they are designed for. The table below shows which solution is best for your application. See the following pages for more details.

| | FS 800/2 to FS 5000/2 | FS 1080/2 – LR 32 FS 2424/2 – LR 32 | FS/2 with MFT 800/1080 | GECKO® dual suction pad | Combination bevel for the FS/2 |
|---|--------------------------|--|---------------------------|----------------------------|-----------------------------------|
| Sawing | | | | | |
| Straight, splinter-free cuts while preventing surface damage | ● | ● | ● | | |
| Cutting accurate, splinter-free recesses | ● | ● | ◐ | | |
| Placing on the scribe line and making splinter-free cuts | ● | ● | ● | | |
| Cutting interior and house doors to length | ● | ◐ | | | |
| Window apertures in doors | ● | ● | | ● | |
| Recesses in worktops | ● | ● | | ● | |
| Cutting out damaged sections of parquet flooring | ● | ● | | ○ | |
| Trimming boards and planks | ● | ● | ○ | | |
| Cutting accurate replicate angled cuts | ◐ | ◐ | ● | | ● |
| Transferring angles from the wall to the workpiece | ◐ | ◐ | ◐ | | ● |
| Rip and cross-cutting workpieces | ● | ● | ● | | |
| Rip cuts guided accurately | ● | ● | ◐ | | |
| Splinter-free cuts along the scribe line, even at angles of 45° | ● | ● | ● | | |
| Cutting the ends from protruding boards | ● | ● | | | |
| Cutting up stacked boards | ● | ○ | | | |
| Routing | | | | | |
| Routing straight, guided grooves | ● | ● | ● | | |
| Routing guided curves | ● | ● | ● | | |
| Routing around workpieces | ◐ | ◐ | ● | | |
| Drilling rows of holes | | | | | |
| Drilling rows of holes using 32 mm grid | | ● | | | |
| Drilling cupboard hinges | | ● | | | |
| Lifting, carrying and positioning | | | | | |
| Lifting and carrying objects | | | | ● | |
| Securing the FS/2 to flat and closed porous materials | | | | ● | |
| Laying or removing false floors | | | | ● | |
| Inserting or removing laminate panels | | | | ● | |
| Carrying and positioning panes of glass | | | | ● | |
| Positioning workpieces and assembly parts | | | | ● | |

○ Appropriate ◐ Very appropriate ● Extremely appropriate



Hole series system.

The guide rail with hole spacing is indispensable when assembling furniture.

Routers from page 104

System accessories.

Comprehensive accessories such as screw and lever clamps and the combination bevel assist you with your work.

Accessories on page 272

Jigsaws in a system.

You can even make straight cuts effortlessly with jigsaws thanks to the guide rail.

Jigsaws from page 26

Guide systems

Guide rail FS/2



The guide rail – reinvented.

Festool invented the guide rail and has continuously developed it ever since. New sophisticated details on the FS/2 make work even easier and guarantee high-quality working results in no time at all.



Kickback stop.

The limit stop is easy to attach and secure. It functions as a guide stop or prevents the plunge-cut saw from rebounding during plunge cuts (available as an accessory).



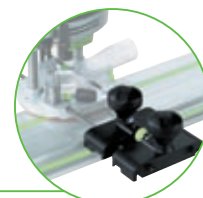
Combination bevel.

Transfer angles directly to the workpiece using the combination bevel and the guide rail – eliminating complicated calculations and testing (available as an accessory).



Guided jigsaw.

Perfectly straight cuts in wood up to 20 mm thick when used in combination with an extra-thick saw blade (available as an accessory).



Router stop.

Using the router with the stop allows you to produce precise, straight grooves. Simply position on the guide rail and start routing (available as an accessory).



Splinterguard.

The best way to splinter-free cuts: the rubber lips positioned directly on the scribe line prevent the edges from splintering, even with angled cuts.



Slideway lining.

A slideway lining on the rail ensures smooth, easy guidance and prevents the machine from catching or stopping.



Dual suction pad.

The GECKO dual suction pad makes sure the guide rail grips well on extremely smooth surfaces. Easy and quick to use (available as an accessory).



Zero-play guidance.

You can adjust the guidance jaws on the plunge-cut saw to fit the guide rail without requiring tools. This allows for precise guidance of the machine, which in turn improves quality.

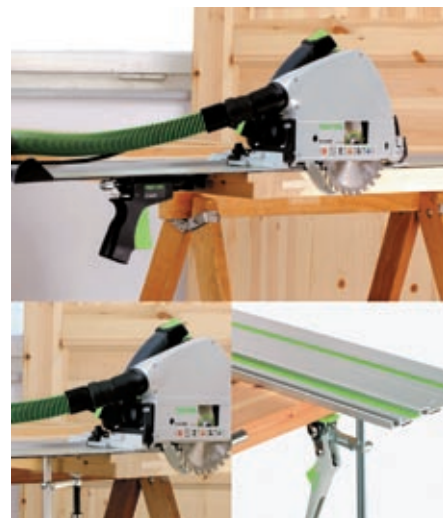
Guide rails FS/2 up to 5000 mm – The different options

| Model | Equipment | Order no. |
|------------------------|-----------------------------------|---------------|
| FS 800/2 | Length 800 mm | 491499 |
| FS 1080/2 | Length 1080 mm | 491504 |
| FS 1400/2 | Length 1400 mm | 491498 |
| FS 1900/2 | Length 1900 mm | 491503 |
| FS 2400/2 | Length 2400 mm | 491502 |
| FS 3000/2 | Length 3000 mm | 491501 |
| FS 5000/2 | Length 5000 mm | 491500 |
| FS 1080/2-LR 32 | With row of holes, length 1080 mm | 491621 |
| FS 2424/2-LR 32 | With row of holes, length 2424 mm | 491622 |

Accessories for the guide rail FS/2 can be found on page 272

For more information, visit www.festool.com.au

The guide rail FS/2 – gives you that bit extra.



Perfectly compatible.

The plunge-cut saw is completely at home when used with the guide rail. All the functions that the TS 55 and TS 75 have to offer make sawing on a rail much more convenient. From an integral guide slot to tool-less play control.

Look, no splinters – even at 45°.

Not a splinter in sight. With a splinterguard fitted to the guide rail, splinter-free cuts are a reality. No more laborious reworking when cutting with plunge-cut saws! And because you can see the scribe line clearly and set the saw blade exactly, you complete angled cuts with the greatest of ease.

No slipping.

It's only possible to produce accurate work when the guide rail doesn't slip. The adhesive cushion strips keep the rail stable while preventing damage to the rail surface. Different fixing options such as clamps, FS-Rapid and GECKO are also available for a more secure grip.



A guide rail for every occasion.

Whatever your cutting or routing application may be, we have the right guide rail for it, ranging from the short, compact 800 mm rail to the long model, measuring a staggering 5000mm.

Greater comfort, angle by angle.

Producing a diagonal cut is usually rather time-consuming. Not with the combination bevel and the guide rail, however. Simply measure the angle from a workpiece or wall, transfer over and you're ready to cut.

The combination for furniture assembly.

The guide rail with hole spacing is indispensable when assembling furniture. No other solution allows you to produce a row of holes so quickly and easily with a router. Whether for shelving systems or metal fittings, it doesn't get much simpler than this.

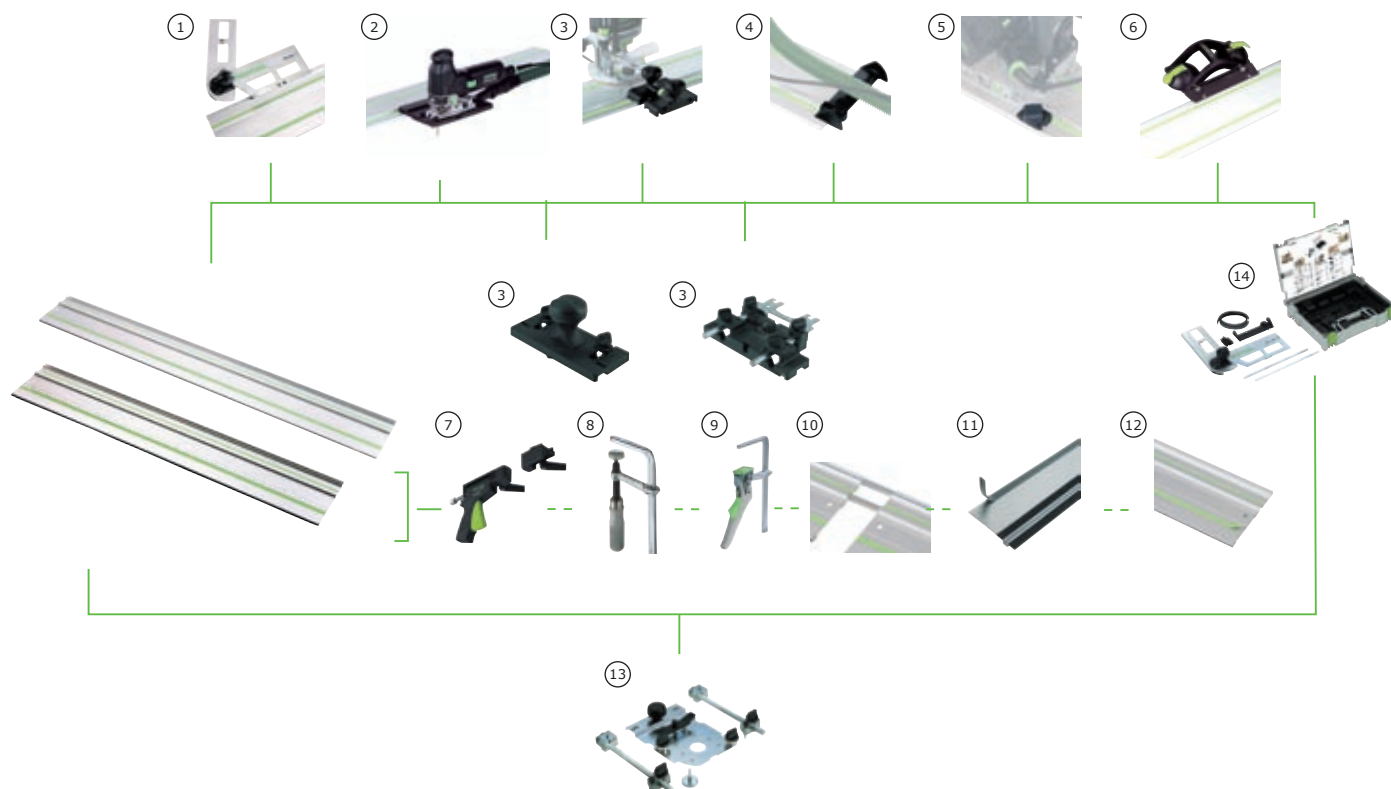
Accessories for the guide rail FS/2 can be found on page 272

For more information, visit www.festool.com.au

Guide systems

Accessories

System overview and accessories



Accessories for the guide rail FS/2

| Product | Explanation | Order no. |
|---|---|---------------|
| ① Combination angle FS-KS | For angled cuts between 0 and 180° using the FS/2 guide rail | 491588 |
| ② Guide stop FS-PS/PSB 300 | For PS 300, PSB 300, allows use FS and FS/2 guide rails with jigsaws | 490031 |
| ③ OF guide stops | See "Routing" section, from page 94 | |
| ④ Deflector FS-AW | Prevents suction hoses and cables from catching on the end of the guide rail | 489022 |
| ⑤ Limit stop FS-RSP | For TS 55, ATF 55, AP 55, AT 65, AP 65, AP 85, used as rear or front position stop on guide rail FS/2, can also be used as a guide stop | 491582 |
| ⑥ Dual suction pad GECKO DOSH | See page 273 | |
| ⑦ Quick-action clamp FS-RAPID/1 | For clamping and positioning Festool guide rails FS and FS/2, qty. in pack: 1 | 489790 |
| ⑧ Clamps FSZ 120 | Polished steel version, clamping range: 120 mm, qty. in pack: 2 | 489570 |
| Clamps FSZ 300 | Polished steel version, clamping range: 300 mm, qty. in pack: 2 | 489571 |
| ⑨ Lever clamp FS-HZ 160 | Polished steel version, clamping range: 160 mm, qty. in pack: 1 | 491594 |
| ⑩ Connector FSV | For connecting two guide rails for long workpieces, qty. in pack: 1 | 482107 |
| ⑪ Splinterguard FS-SP 800 | Replacement splinterguard for guide rails FS and FS/2, length 800 mm | 488468 |
| Splinterguard FS-SP 1400 | Replacement splinterguard for guide rails FS and FS/2, length 1400 mm | 483164 |
| Splinterguard FS-SP 3000 | Replacement splinterguard for guide rails FS and FS/2, length 3000 mm | 488467 |
| Adhesive cushion strip FS-HU 10M | Replacement adhesive cushion strip for guide rails FS and FS/2, 10 m roll | 485724 |
| ⑫ Slideway lining FS-GB 10M | Replacement slideway lining for guide rail, FS/2, 10 m roll | 491741 |
| ⑬ Hole series system accessories | For FS/2-LR 32, see "Routing" section from page 94 | |
| ⑭ SYSTAINER accessories FS-SYS/3 | 4 x screw clamp FSZ 120, deflector FS-AW, combination bevel FS-KS, limit stop FS-RSP, 2 x connector FSV, SYSTAINER size: SYS1 | 492396 |

Outstanding grip.

The GECKO dual suction pad makes your workload lighter when carrying panels, glass panes and furniture parts and has

the capacity to attach the guide rail to smooth materials.

Handle.
The ergonomic torsion-resistant handle makes the heaviest of loads seem light.

Changing suction cups.
Even suction cups need to be changed sometimes. And just like with all Festool systems, you won't need to use any tools.

Positioning/Releasing.
Each of the two suction cups is fitted with a sliding ring so the pad can be easily released and moved.



Clamping lever.
The clamping levers provide quick and reliable suction.

Accessories.
The GECKO has four attachment points for other accessories.

Adapter.
Attaching the guide rail adapter to the dual suction pad could not be easier. Just tighten the two knurled screws and that's it.

A vacuum in the suction cups attaches them securely to the material without causing damage. The workpiece can be lifted and transported easily via the practical handle. And to top it all off, the suction pad has a guide rail adapter so that the rail can be attached securely to smooth surfaces.



The dual suction pad is the perfect companion for laying office floors or fitting laminate panels.



The GECKO grips smooth and awkward workpieces safely and comfortably.



Secure and easy attachment. Simply fit the adapter to the guide rail, attach the GECKO, tighten, clamp and you're ready to go.



Routing grooves in workpieces with a smooth surface is easier thanks to the dual suction pad: simply fit the adapter, clamp securely and start routing.

Dual suction pad

| Model | Equipment/Scope of delivery | Order no. |
|----------------|--|-----------|
| GECKO DOSH set | For carrying workpieces or attaching the guide rail via an adapter, for use on smooth and closed porous surfaces, includes DOSH-FSAD adapter, carrying capacity: 50 kg | 493507 |
| GECKO DOSH | For carrying workpieces or attaching the guide rail via an adapter, for use on smooth and closed porous surfaces, carrying capacity: 50 kg | 492617 |
| DOSH-FSAD | Adapter for attaching guide rail FS/2 to the GECKO dual suction pad | 492616 |
| DOSH-SGT-S | Replacement suction cup for GECKO dual suction pad | 493307 |

For more information, visit www.festool.com.au

Making your workplace more productive.

Our experience shows that arranging workplaces and tools ergonomically and optimising set-up and transportation times uncovers previously unimagined savings potential! But how can the productivity of the workplace be improved? Festool not only optimises individual tools, but also develops entire workspace systems so that you can work more quickly, efficiently and safely.



**Working more quickly,
efficiently and safely**

Page **276**

Accessories

Page **281**

Applications

Page **277**

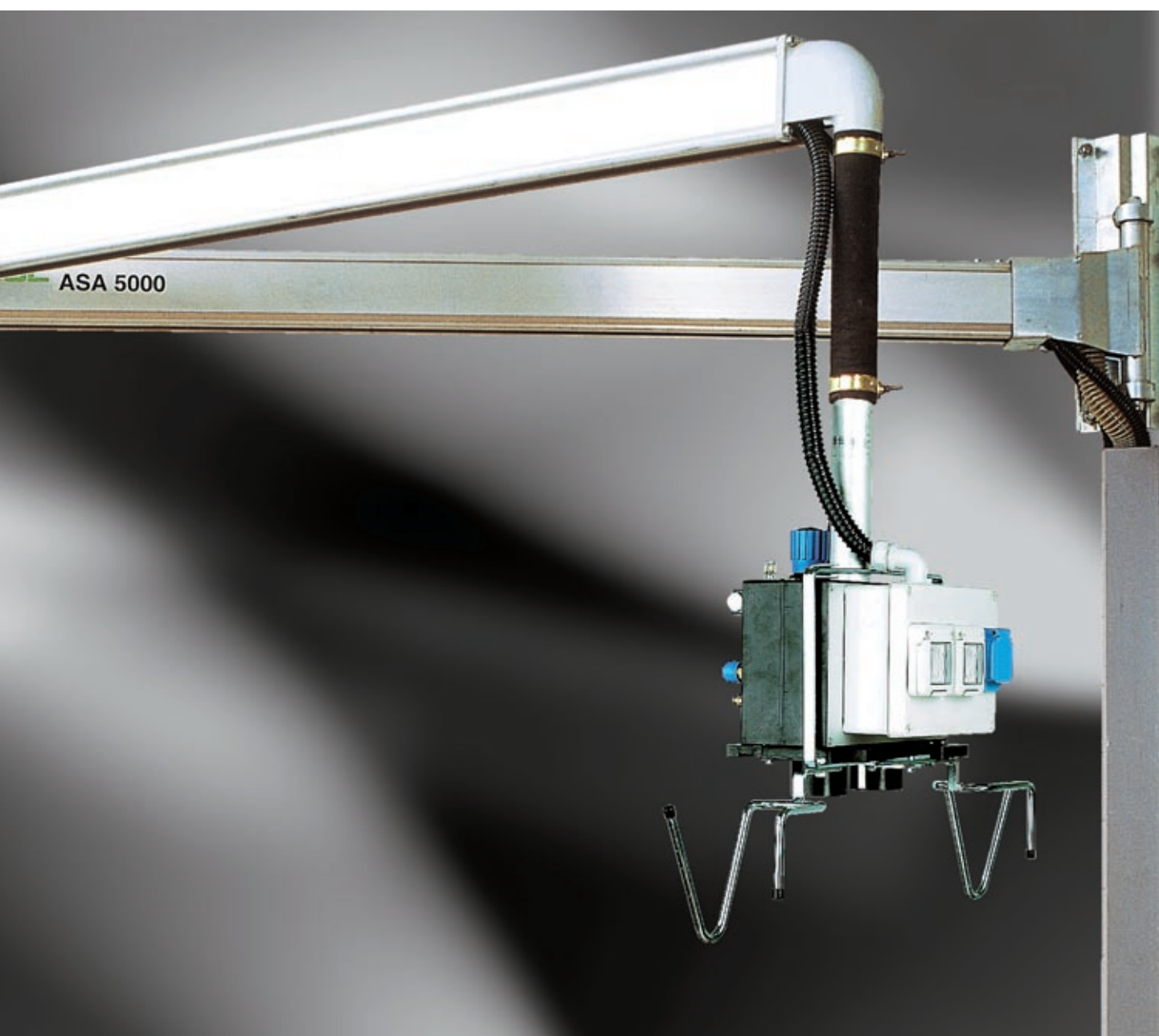
**plug-it system
Toolie multifunction tool**

Page **283**

The tools at a glance

Boom arms with energy box
Energy box
Toolcenter

Page **278**



Workplace equipment

Boom arms with energy box and Toolcenter

Working more quickly, efficiently and safely.



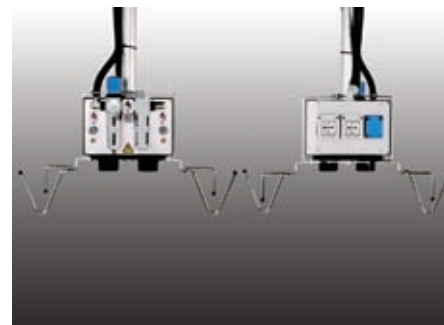
Set-up and transit times are a big drain on financial resources in every sector of trade and industry. Festool workspace systems soon put a stop to that.

Pivoting energy and extraction systems, and mobile Toolcenters make sure your working equipment is always immediately available, even when you change working position. The ergonomic arrangement



Pivoting boom arms make your workspace more flexible and eliminate dangerous obstacles.

increases safety and offers better health protection: supply lines fed from above and integral hose systems eliminate dangerous obstacles and masses of tangled cables, and dangerous dust is extracted with the utmost efficiency. And to top it all off, your working results



The power box supplies energy, compressed air and dust extraction to where it is needed.

improve because all components in the system are fully compatible.

Benefits at a glance:

- Reduced transit and set-up times help you work more quickly
- Compatible system components
- Ergonomic supply lines fed from above for extra safety
- Integral extraction systems



The Toolcenter is a mobile sanding workplace that can be equipped with all accessories for sanding work.

FESTOOL THE SYSTEM



At Festool, we do not only think in terms of tools, but also in terms of systems so that you can work more quickly, easily and efficiently.

Extraction system.

Clean results with our mobile dust extractors, both in the workshop and on the construction site.

Mobile dust extractors from page 242

Machine system.

The right tool for every task: Electric and compressed air sanders.

Sanders from page 152/208

Application overview – workplace equipment

Workplace equipment will help you optimise any type of workplace. Refer to the table and the details on the following pages to determine which option is the best for you.

Workplace equipment

| |  ASA 2500 |  ASA 5000 |  ASA 6000 |  EAA 3/3 EW/DW |  TC 3000 |
|---|--|--|---|--|---|
| Operating radius when wall-mounted | 9 m ² | 39 m ² | 56 m ² | - | Mobile |
| Operating radius when mounted on pillar | 9 m ² | 58 m ² | 84 m ² | - | Mobile |
| Electric (EW) version | x | x | x | - | - |
| Electric/Compressed air (EW/DW) version | x | x | x | x | - |
| Power supply with 230 V sockets | 2 x | 3 x | 3 x | 3 x | - |
| Tool holder | x | x | x | x | Available as an accessory |
| Storage area | - | - | - | - | 460 x 990 mm |
| Rear panel with abrasive hooks | - | - | - | - | Available as an accessory |
| Connector for extractors from the CT/CT-HEPA series | All models | All models | All models | All models | CT/CT-HEPA 22 and 34 |
| Connector for extractors from the SR series | All models | All models | All models | All models | SRM 212/SRH 204/series SR 200 |

x = available

- = not available/not applicable



Accessories system.

Sanding discs, sanding pads and abrasives combine to form a single unit: Improved results and a longer service life.

Accessories from page 189

Hose system.

There are two types of extraction hose available: compatible with compressed air or electric power tools.

Hose systems from page 217/258

Safe storage.

The SYSTAINER keeps your work area neat and tidy with storage space for machines and accessories.

Storage systems from page 284

Workplace equipment

The tools at a glance

Boom arms ASA 2500/5000/6000

For large working areas.



Main applications

- Extension of operating radius from 9 m² to 84 m²
- Ergonomic and flexible layout of workplaces
- Space-saving two-piece hinged extension arm (ASA 5000/6000)
- Wall or pillar mounting

Strengths and benefits

- Saves time, space and increases economic efficiency
- Maximum flexibility, extra safety, no dangerous obstacles
- Integrated power and vacuum connectors
- 2 electric or pneumatic tools (depending on version EW/DW) ready to use at any time
- Automatic switch-on function for dust extraction

More from page 279 onwards

| | |
|------------------|--------------------------------------|
| ASA 2500: | |
| Boom extension | 2.5 m |
| Pivoting radius | 9 m ² |
| Weight | 55 kg |
| ASA 5000: | |
| Boom extension | 2 x 2.5 m |
| Pivoting radius | 39 m ² –58 m ² |
| Weight | 80 kg |
| ASA 6000: | |
| Boom extension | 2 x 3 m |
| Pivoting radius | 56 m ² –84 m ² |
| Weight | 82 kg |



Energy box

Supply station.



Main applications

- Ergonomic layout of a permanent workplace
- Wall mounting
- Pillar mounting

Strengths and benefits

- Minimises set-up costs, increases economic efficiency
- Integral power, compressed air and vacuum connectors
- Extra safety, no dangerous obstacles
- 2 x automatic switch-on controls for extraction, 1x permanent voltage
- Quick disconnect coupling for lubricated/unlubricated pneumatic tools
- 2 electric or pneumatic tools ready to use at any time

More from page 279

| | |
|------------------------|-------------|
| Total height | 1–1.9 m |
| Weight | 15 kg |
| Connecting line length | Approx. 8 m |



Toolcenter TC 3000

Mobile workplace.



Main applications

- Ergonomic layout of sanding workplaces
- Mobile storage of all sanding equipment
- Transports the equipment between different locations in the workplace, steering rollers provide maximum mobility

Strengths and benefits

- Time-saving work organisation
- Equipment always within easy reach
- Perfect organisation, safe supply lines (hose holder)
- Extractor dock for safe integration of the mobile dust extractor
- Lockable cabinet for machine storage

More from page 280

| | |
|-----------------------------|---------------------|
| Dimensions (LxWxH) | 470 x 1070 x 960 mm |
| Storage area | 460 x 990 mm |
| Storage area working height | 925 mm |
| Weight | 43 kg |



Workplace changes made easy.

Boom arms are primarily used in locations where workplaces need to be flexible or where a large operating radius is required. Power and dust extraction is supplied where it is needed, while avoiding tripping hazards. This saves you time moving equipment and creates more space in the workshop.

Maximum working flexibility.
Greater operating radius, permanent dust extraction for cleanliness and health protection.

Extra safety.
Greater freedom when using the machine. Work safely with nothing lying on the floor.

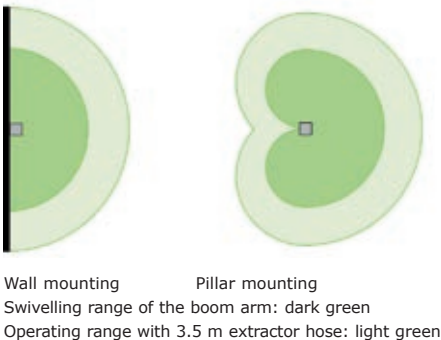
Integral power supply.
Two electric power tools with automatic switch-on function on the energy box ready to use at any time.

Larger application area.
Covers large areas up to 84 m², double-joint technology on the ASA 5000/6000 ensures greater flexibility.

Lightweight aluminium profiles.
The sturdy aluminium profile design makes the boom arms lightweight and torsionally rigid.

Optional compressed air unit.
For combined use of electric and pneumatic tools (ASA-EW becomes ASA-EW/DW).

The connectors for the power supply and dust extraction are always within easy reach. Move your equipment into position and tidy away again just by swivelling the boom arm. For a more efficient workplace!



Connectors for the power supply and dust extraction are always within reach.

Boom arms and energy box – The different options

| Model | Equipment/Scope of delivery | Order no. |
|----------------|---|-----------|
| ASA 2500 EW | Pivoting boom arm, energy box with 2 x 230 V connectors, wall bracket and cable duct. Boom extension 2.5 m, weight 55 kg. Wall mounting components are not included in the scope of delivery. | 583171 |
| ASA 2500 EW/DW | Pivoting boom arm, energy box with 2 x 230 V connectors, compressed air supply unit with 3 DL connectors, wall bracket and cable duct. Boom extension 2.5 m, weight 55 kg. Wall mounting components are not included in the scope of delivery. | 583173 |
| ASA 5000 EW | Double-jointed boom arm, energy box with 3 x 230 V connectors, wall bracket and cable duct. Boom extension 2 x 2.5 m, weight 80 kg. Wall mounting components are not included in the scope of delivery. | 583172 |
| ASA 5000 EW/DW | Double-jointed boom arm, energy box with 3 x 230 V connectors, compressed air supply unit with 3 DL connectors, wall bracket and cable duct. Boom extension 2 x 2.5 m, weight 80 kg. Wall mounting components are not included in the scope of delivery. | 583174 |
| ASA 6000 EW | Double-jointed boom arm, energy box with 3 x 230 V connectors, wall bracket and cable duct. Boom extension 2 x 3 m, weight 82 kg. Wall mounting components are not included in the scope of delivery. | 583209 |
| ASA 6000 EW/DW | Double-jointed boom arm, energy box with 3 x 230 V connectors, compressed air supply unit with 3 DL connectors, wall bracket and cable duct. Boom extension 2 x 3 m, weight 82 kg. Wall mounting components are not included in the scope of delivery. | 583258 |
| EAA 3/3 EW/DW | Energy box with 3 x 230 V connectors, compressed air supply unit with 3 DL connectors, wall bracket and cable duct. Weight 15 kg, length 1 - 1.9 m, length of connecting lines, approx. 8 m. Mounting components are not included in the scope of delivery. | 583270 |

Workplace equipment

Toolcenter TC 3000

The ideal sanding workplace.

The Toolcenter is a mobile sanding workplace for transporting tools, material and a mobile dust extractor. All your equipment is always tidy, portable and within reach.

The rear panel is designed for eg hanging up abrasives and the large worktop for placing tools and materials temporarily.

Hose and cable holder.

Safe routing of hoses and cables away from the ground.

Perfect organisation.

Ideal surface for placing working equipment, non-slip rubber covering.

Extractor dock.

Extractor dock for the attachment and safe transportation of mobile dust extractors.

Abrasives rack.

Everything is integrated, has its own place and is right at your fingertips (rear panel available as an accessory).

Lockable tool cabinet.

For size 3 SYSTAINERS and smaller. Safe machine storage.

Maximum mobility.

Large rubber wheels, 2 steering rollers for maximum manoeuvrability.

The TC 3000 also saves you from to-ing and fro-ing between your workplace and the tool store. You can store everything in the lockable tool cabinet.



Sanding and extraction at one with the Toolcenter.



Ready at all times. Abrasives and machines within easy reach (image different from the scope of delivery).



The extractor dock. A safe place to park your mobile dust extractors.



The mobile Toolcenter stores all the necessary equipment (image different from the scope of delivery).

Toolcenter TC 3000

| Model | Equipment/Scope of delivery | Order no. |
|---------|---|-----------|
| TC 3000 | Mobile sanding workplace with large working and storage area; lockable tool cabinet with intermediate base for storing SYSTAINERS and Sortainers, extractor dock with bracket attachment for CT 22/33, CT-HEPA 22/33, series SR 200 with strap (accessory), hose holder | 583285 |

Accessories for the Toolcenter TC 3000 can be found on page 282

Technical data, see page 278

For more information, visit www.festool.com.au

System overview and accessories



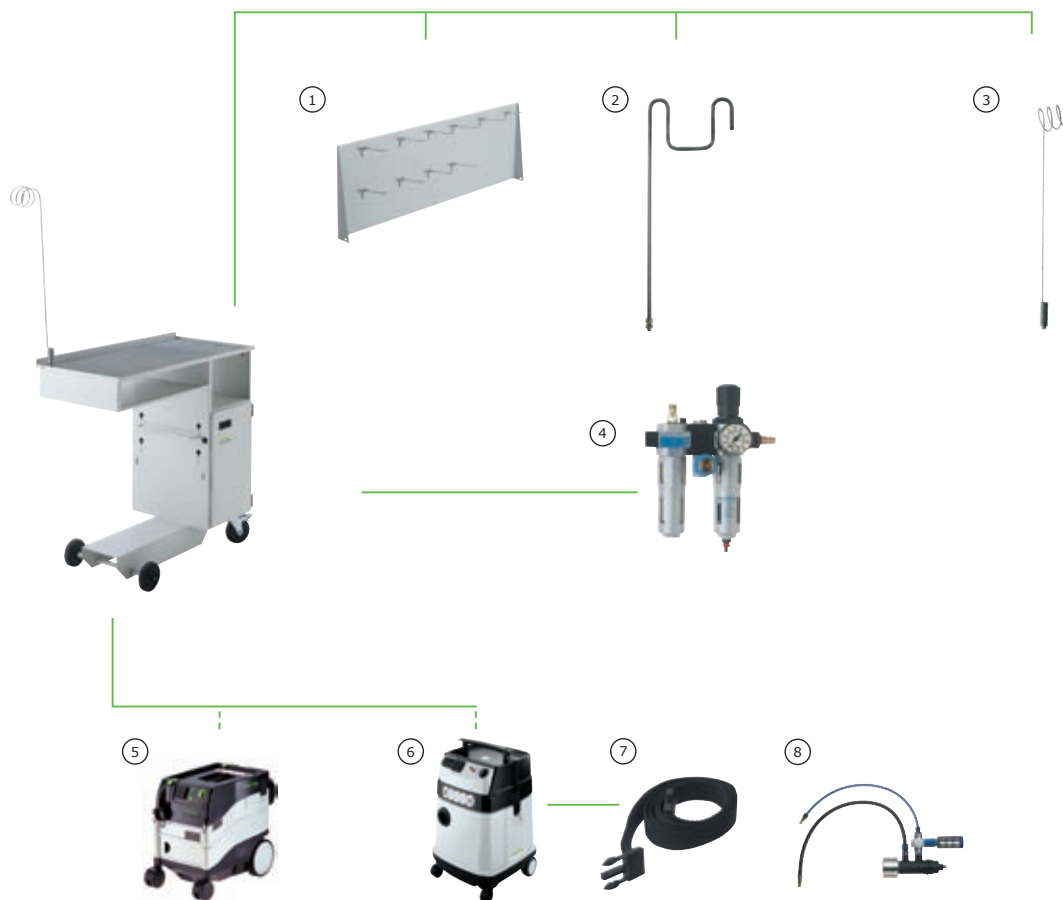
Accessories for boom arm ASA 2500/5000/6000 EW or EW/DW and energy box EAA 3/3 EW/DW

| Product | Explanation | Order no. |
|---|--|---------------|
| ① Service unit VE 1-ASA | For converting the EW boom arm (electric tools only) to EW/DW type for combined operation of electric and pneumatic tools | 488508 |
| ② IAS 2 adapter IAS 2-A-ASA/CT | For CT mobile dust extractors, LE version, for EW/DW version of ASA, for connection to IAS 2 hoses, integral connector for compressed air supply via compressed air connection hose, antistatic model | 454757 |
| ③ IAS 2 adapter IAS 2-A-ASA/SR | For SR extractors, LE version, for EW/DW version of ASA in combination with SR extractor, for connection to IAS 2 hoses, integral connector for compressed air supply via compressed air connection hose, antistatic model | 488180 |
| ④ IAS 2 hose, antistatic, IAS 2-3500 AS | For IAS 2 pneumatic tools, temperature-resistant to +70°C, corresponds to DIN IEC 312 leak resistance <10 M ohms, length 3.5 m | 487901 |
| IAS 2 hose IAS 2-3500 | For IAS 2 pneumatic tools, temperature-resistant to +70°C, length 3.5 m | 488132 |
| Suction hose D 27 antistatic, D 27 x 3.5m-AS | For electric power tools, with rotating adapter and reducing sleeve, length 3.5 m | 452878 |
| Suction hose D 27, D 27 x 3.5m | For electric power tools, with rotating adapter and reducing sleeve, length 3.5 m | 452877 |
| ⑤ Connecting sleeve IAS 2-AK | For connecting IAS 2 pneumatic tools to central dust extraction systems via an IAS 2 connection, aluminium, can be reworked for adaptation to relevant central dust extraction system, dia. 58 mm | 488416 |
| ⑥ Adapter IAS 2-FA | Cone for connecting IAS 2 pneumatic tools to Herkules power boxes via a IAS 2 connection, outer dia. 40mm | 488417 |
| Adapter IAS 2-ZA | Rubber sleeve for connecting IAS 2 pneumatic tools via an IAS 2 connection, for central extraction units, boom arms manufactured by Rupes, IVO and Herkules, Rupes power boxes | 489222 |
| ⑦ IAS 2 adapter IAS 2-S-ZA/Herkules | For connecting IAS 2 suction hoses to central suction system manufactured by Herkules, with closing slide | 490605 |
| IAS 2 adapter IAS 2-S-ZA/Rupes | For connecting IAS 2 suction hoses to central suction system manufactured by Rupes, with closing slide | 490603 |
| ⑧ Bracket EAA-W/D | For ceiling or wall mounting of the EAA energy box | 489123 |
| ⑨ Mobile dust extractors | See "Dust extraction" section, from page 242 | |

Workplace equipment

Accessories

System overview and accessories



Accessories for Toolcenter TC 3000

| Product | Explanation | Order no. |
|--|---|---------------|
| ① Rear panel TC 3000 RW | For Toolcenter TC 3000 incl. 10 hooks, dimensions: length x width 990 x 340 mm | 452986 |
| Wall fastening for rear panel TC-WB | For permanent mounting on workshop wall, complete attachment kit | 452984 |
| ② Tool holder TC-WHR | For Toolcenter TC 2000, TC 3000, for safe and ergonomic storage of electric tools and pneumatic tools | 452985 |
| ③ Hose holder TC-SH | For Toolcenter TC 2000, TC 3000, for retrofitting | 487304 |
| ④ Service unit VE-TC 3000 | For Toolcenter TC 3000, for compressed air supply to mobile dust extractors CT 22/CT 33 and SR 151, SR 200-series dust extractors with LE specification | 454808 |
| Service unit VE-TC 2000 | For Toolcenter TC 2000, for supplying compressed air to LE version of SR 200 dust extractors | 488708 |
| ⑤ CT mobile dust extractors | See "Extraction" section, CT series, page 251 | |
| ⑥ SR dust extractors | See "Extraction" section, SR series, page 257 | |
| ⑦ Strap TC-SG-SR | For Toolcenter TC 2000, TC 3000, for securing dust extractors from the SR 200 series | 454776 |
| ⑧ IAS 2 adapter IAS 2-A-SR | Adapter for connecting SR dust extractor, LE version with IAS 2 hoses, antistatic model, integral connector for compressed air supply | 488181 |
| Bracket attachment TC-FB | For retrofitting to Toolcenter TC 2000, for securing CTL 22/33 and CTM 22/33 mobile dust extractors | 454773 |

For more information, visit www.festool.com.au

One cable for every tool: plug-it.



Change tools in seconds.
It takes only a few seconds to change a Festool tool, because almost all tools are equipped with the plug-it system and all you need to do is disconnect and reconnect. This saves valuable time and prevents you from spending time searching for the right power cable. It also eliminates dangerous obstacles because the same cable is used for each tool. You have the choice between a rubber and PUR casing and a cable length of 4 or 7.5 m. PUR is designed for heavy-duty applications.



Replacing the cable is never a problem.
The plug-it system is not only much more practical, quicker and convenient but also more economical. In the event of a cable break (a frequent cause of electric power tool failure) downtimes are reduced because the cables on Festool tools are not integrated into the interior of the machine: you simply plug in another cable and carry on working! This means no costly repairs, and minimal downtimes. Needless to say, a plug-it connector can be retrofitted to tools that do not already have one.

| plug-it accessories/Toolie | Description and application | Type | Order no. |
|----------------------------|--|------------------------------|----------------------|
| | Suction hose plug-it D 27, antistatic With plug-it adapter, length: 3.5 m | plug it D 27x3,5m-AS | 456752 |
| | Suction hose plug-it D 27 With plug-it adapter, length: 3.5 m | plug it D 27x3,5m | 456748 |
| | plug-it cable ① Material: rubber, length: 4.0 m Material: rubber, length: 7.5 m | H 05 RN-F/4 H 05 RN-F/7,5 | 489659 489660 |
| | plug-it conversion kit¹⁾ ③ 360 mm , for RS 1, RS 1 C, DX 93, RO 150/RO 2, RAS 115, BF 1, PS 200/PS 2, KF 4 | UBS-PUR 360-plug it | 491144 ¹⁾ |
| | 420 mm , for RS 2, RS 3, RS 400/RS 4, DS 400, ES 125, OF 1000, OF 900, ATF 55, AT 65, AP 55, AP 65, EHL 65 | UBS-PUR 420-plug it | 491145 ¹⁾ |
| | ④ plug-it connector Replacement connector ¹⁾ | RK-plug it | 489685 ¹⁾ |
| | ⑤ Toolie multifunction tool Specially designed for use with Festool machines Qty. in pack: 1 Qty. in pack: 10 | TOOLIE / 1 TOOLIE / 10 | 490833 490155 |
| | ¹⁾ Safety information: The conversion involves direct intervention on the tool, which should only be carried out by your Festool service workshop or a qualified electrician. The conversion kit is not suitable for tools from other electric power tool manufacturers. | | |
| | | | |
| | | | |

More time working, less time searching.

Festool's thoughts on the issue of "Making work easier" have always been a driving incentive for innovation. One of these innovations emerged in 1993 and has gone from strength to strength ever since: the SYSTAINER. A revolutionary system for organising, packing and transporting rolled into one. Never before has equipment been organised so systematically and so much time saved as a result.



Reach your objectives more quickly

Page **286**

The storage systems at a glance

SYSTAINER®

SORTAINER®

Systainer Port

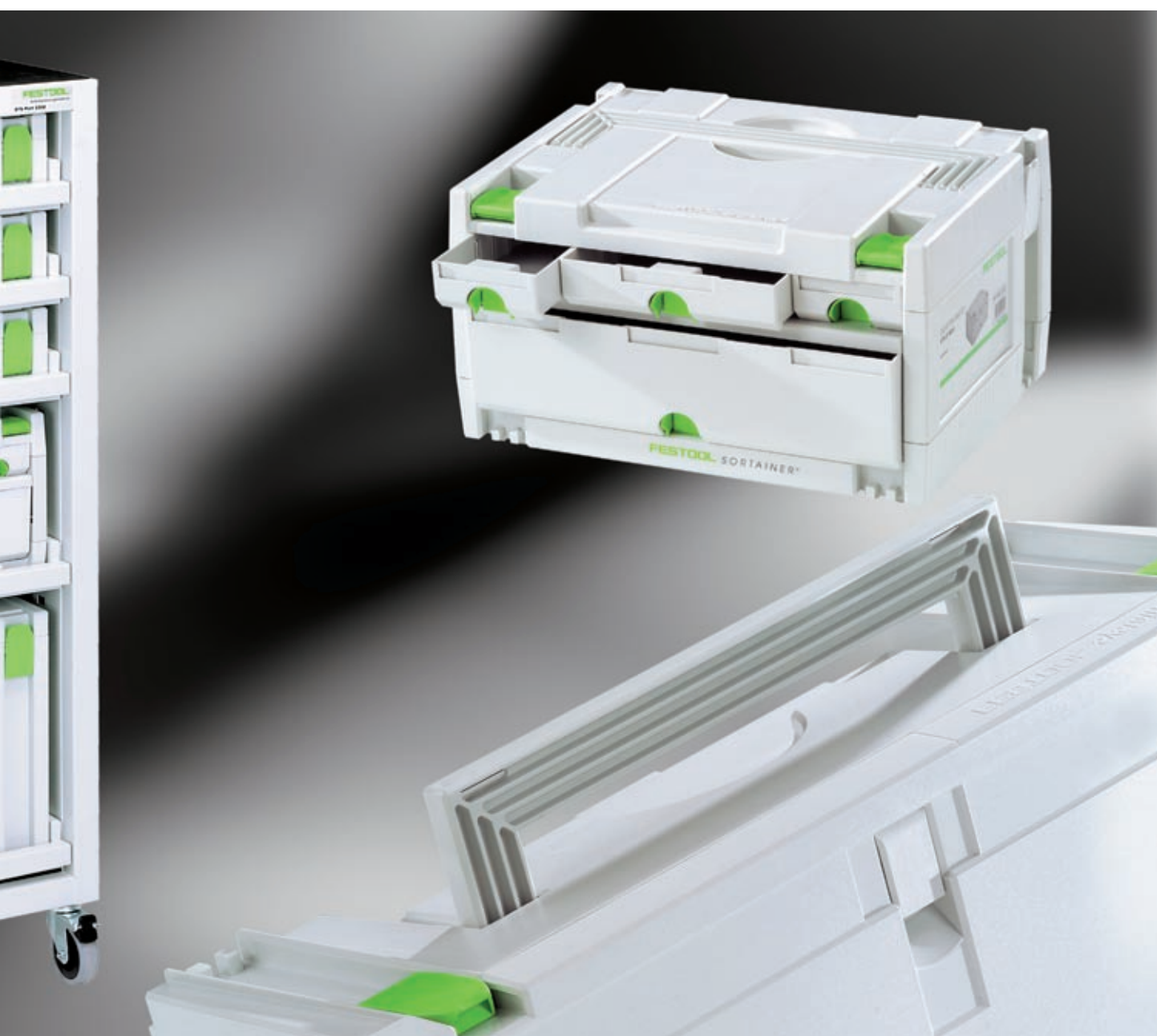
Page **288**

Applications

Page **287**

The different options and accessories

Page **293**



Reach your objectives more quickly.



The days of transporting individual boxes, having problems locating tools and unsafe storage are numbered. Modern tradesmen work more easily, quickly and with a clear overview.

Festool has been turning this vision into a reality since 1993 – with the SYSTAINER, joined in 2002 by the SORTAINER. Different sizes and flexible modules make sure your tools are easy to organise and



Everything within arm's reach, right up to the smallest screw. Especially suited to assembly work.

relocate. Perfectly stowed away and within easy reach. No other invention is organised so systematically to maximise your working time. It is no wonder then that millions of SYSTAINERS and SORTAINERS have already been sold! They epitomise a model Festool system concept. Needless to



All present, correct and within easy reach: inserts, inlays, containers etc for modular organisation and transportation of your equipment.



Organised materials, tools and accessories for maximum time savings.

say, they are all compatible with each other and can be used in combination with mobile dust extractors, rolling bases, etc.

Benefits at a glance:

- Permanent organisation, clear overview, flexible modules
- Saves significant time and reduces effort when locating and moving tools
- Simple, compact transportation
- Professional appearance to customers

FESTOOL THE SYSTEM



At Festool, we do not only think in terms of tools, but also in terms of systems so that you can work more quickly, easily and efficiently.

Rolling base.

Upwardly mobile: the rolling base allows quick transportation at your workplace or on your customer's premises.

Rolling base on page 297

Systainer Ports.

For the workshop: Customised adaptation to all SYSTAINER and SORTAINER heights, maximum utilisation of space.

Systainer Ports from page 291

Application overview – SYSTAINER®, SORTAINER® and Systainer Port

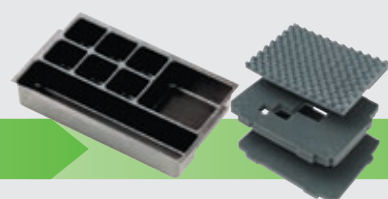
The practical SYSTAINER, SORTAINER and Systainer Ports are used as mobile storage systems in many different applications and in combination with other Festool products. The table below lists a selection of possible applications and helps you find the most suitable product.



| Storage systems | SYSTAINER® | Maxi-Systainer | Mini-Systainer | SORTAINER® | Systainer-Port |
|-----------------------------|------------|----------------|----------------|------------|----------------|
| Organisation/Storage | | | | | |
| Machines | ●* | ●* | | ○** | ●*** |
| Sundries | ●* | ○ | ●* | ● | ●*** |
| Abrasives | ●* | | | ○ | ●*** |
| Cartridges | ●* | ○ | | ○ | ●*** |
| Hand tools | ●* | ○ | ○ | ● | ●*** |
| Combinations | | | | | |
| Rolling base | ● | | | ● | |
| CT mobile dust extractors | ● | | | ● | |
| SYSTAINERS | ● | ● | | ● | ● |
| Maxi Systainer | ● | ● | | ● | |
| Mini Systainer | | | ● | | |
| SORTAINERS | ● | ● | | ● | ● |
| Use/Transportation | | | | | |
| Workshop | ● | ● | ● | ● | ● |
| Construction site | ● | ● | ● | ● | ○ |

- Appropriate
 ● Very appropriate
 ● Extremely appropriate

- * In combination with insert
 ** Only for Sys 3-Sort/4
 *** In combination with appropriate SYSTAINER or SORTAINER



Inlays and inserts.

A wide range of inlays and inserts, eg deep-drawn inserts, diced foam insert set, are available for sundries or tools.

Inserts from page 296



Special sets.

Time-saving: complete practical application sets neatly arranged, eg hand tool SYSTAINER.

Special sets from page 296



SYSTAINER® and SORTAINER®.

SYSTAINERS/SORTAINERS are available in different sizes and in a variety of designs.

SYSTAINERS/SORTAINERS from page 288

SYSTAINER®, SORTAINER® and Systainer Port

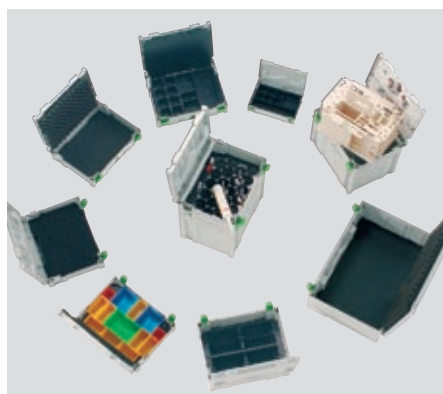
The storage systems at a glance



Organisation made easy.

The SYSTAINER is a classic example of organisation and innovation: flexible, modular systems for tidy equipment storage and convenient and safe transportation without having to reorganise. Perfectly organised for professional work.

You can download the brochure for the SYSTAINER, SORTAINER and Systainer Port systems from www.festool.com.au



A modular system. Individual and professional organisation – everything within easy reach.



Available in 8 sizes for your every need. The Maxi Systainer offers space eg for painters tools.



The practical rolling base moves tools to where they are needed and makes equipment even more mobile.

SYSTAINER® – All included. All present and correct. All within reach.

There really is space for everything in a Festool SYSTAINER: machines, hand tools, accessories, sun-dries, other working equipment etc. Practical refinements provide unique benefits for your daily work.



Rolling base.

Upwardly mobile: the rolling base allows quick transportation from one location to the next, at your workplace or on the construction site (available as an accessory).



Inserts and inlays.

The right insert for every part: different inlays and deep-draw inserts keep everything tidy (available as an accessory).



Sterling performance.

Connecting several SYSTAINERS to one another, a CT mobile dust extractor or a rolling base saves time during assembly work.



Different sizes.

8 sizes cater for your every need. The SYS 5, for example, is the perfect storage container when combined with the cartridge inlay. Or alternatively, the SYS 4 in combination with the telescopic frame.



Latching system.

The locking latches close the lid and join together two stacked SYSTAINERS.



Award-winning.

The SYSTAINER sets standards for innovation, function and design, and has won several awards.



Long service life and stability.

The high-quality, robust ABS material is hard-wearing and temperature-resistant.



Organisation.

There is space for everything in a SYSTAINER. All your equipment is close at hand. Time-consuming searches are history.



SORTAINER® – The intelligent supplement to the SYSTAINER®.

Reliable organisation with the drawer principle. The SORTAINER range gives you more options for organisation and transportation. Sundries such as nails, dowels or screws are stowed away as tidily as hand tools. The ideal supplement to your SYSTAINER!

Stability.

An intermediate base reinforced with aluminium profiles and a honeycomb structure ensures maximum robustness.

Many variations.

The SORTAINER is available in many versions, eg with 12 small drawers. Or 6 small and 3 medium drawers. Or ...

Access from both sides.

All parts are instantly accessible from both sides.

Systainer Port.

This mobile storage system can be adapted to SYSTAINERS of any size. SYSTAINERS and SORTAINERS can be stored safely, while at the same time saving space. Stationary or mobile on wheels (see page 294).

Latching system.

SORTAINERS can be attached to a CT mobile dust extractor, a SYSTAINER or even to one another.

Rolling base.

Upwardly mobile: The rolling base allows quick transportation from one location to the next, at your workplace or on the construction site (available as an accessory).

Flexible arrangement.

Flexible, individual arrangement of drawers and compartments by inserting dividers.

Pull-out lock / Individual locking.

These features prevent the drawers from being removed or falling out unintentionally.

SORTAINER® – The different options

| Model | Equipment/Scope of delivery | Order no. |
|----------------------|--|---------------|
| SYS 3 SORT/4 | Dimensions (LxWxH) 395 x 295 x 210 mm, weight 4 kg, 2 small drawers, 1 medium drawer, 1 large drawer, 2 dividers per drawer, 6 label holders, 8 strips of labels | 491522 |
| SYS 3 SORT/6 | Dimensions (LxWxH) 395 x 295 x 210 mm, weight 4.9 kg, 6 medium drawers, 2 dividers per drawer, 6 label holders, 8 strips of labels | 491984 |
| SYS 3 SORT/9 | Dimensions (LxWxH) 395 x 295 x 210 mm, weight 5.1 kg, 6 small drawers, 3 medium drawers, 2 dividers per drawer, 9 label holders, 16 strips of labels | 491985 |
| SYS 3 SORT/12 | Dimensions (LxWxH) 395 x 295 x 210 mm, weight 5.3 kg, 12 small drawers, 2 dividers per drawer, 12 label holders, 16 strips of labels | 491986 |

SYSTAINER®, SORTAINER® and Systainer Port

Organisation on wheels.

The Systainer Port: the mobile storage system that helps you work more efficiently. It provides enough space for you to store all the tools and working equipment required for a specific task and transport

them to your workplace so you can work quickly and efficiently. No more time-consuming searches for individual components that you require for a specific task.

Storage system.

Quick and easy access to parts at the workplace, assisted by clear labelling.

Maximum space utilisation.

Height-adjustable drawers can be adapted to different SYSTAINER heights. A two-way drawer lock for safe use of drawers.

Stability.

The locking brakes prevent the Systainer Port from inadvertently rolling away.

Safety.

The anti-slip rubber surface can be used as a practical storage space for tools and workpieces. The security lock also protects against theft.

Long service life.






The rugged, sturdy sheet steel design ensures maximum resilience and a long service life.

Mobility.

Bearing-mounted steering rollers make the Systainer Port permanently mobile (only as an accessory on Systainer Port 500/2).



How many SYSTAINERS® fit into a Systainer Port? Combination options:

| | Sys-Port 500/2 | | | | | | Sys-Port 1000/2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|---|---|---|---|---|----------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Version | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 |
| SYSTAINER size | No. of SYSTAINERS | | | | | | Number of SYSTAINERS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SYS 1  | 3 | 2 | 1 | - | - | - | 8 | 6 | 6 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | 2 | 4 | - | 1 | - | 1 |
| SYS 2  | - | 1 | - | 2 | 1 | - | - | 1 | - | 2 | - | 1 | - | 1 | 2 | 3 | - | 1 | 2 | 4 | - | - | 2 | 3 | - | 1 | 1 | 2 | 3 | 4 | 5 | - | - | - | - | - | - | - | 2 |
| SYS 3  | - | - | 1 | - | 1 | - | - | - | 1 | - | - | 1 | 2 | - | 1 | - | 1 | 2 | - | - | 3 | - | 2 | 1 | 2 | - | 3 | 1 | - | 1 | - | 4 | 1 | 1 | - | - | - | 2 | - |
| SYS 4  | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - | 1 | - | - | 1 | - | 1 | - | - | 2 | - | - | 1 | 2 | - | 1 | 1 | - | - | - | 2 | - | - | - | 1 | - | - |
| SYS 5  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 | 1 | 1 | 1 |
| Drawers required | 3 | 3 | 2 | 2 | 2 | 1 | 8 | 7 | 7 | 7 | 6 | 6 | 6 | 5 | 6 | 6 | 5 | 5 | 5 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 4 | 5 | 5 | 4 | 3 | 4 | 5 | 2 | 3 | 3 | 4 |

* The Sys-Port 500 is supplied with 3 drawers, the Sys-Port 1000 with 5 drawers.

Systainer Port – The different options and accessories

| Model | Equipment/Scope of delivery | Order no. |
|------------------------------------|--|---------------|
| SYS-Port 500/2 | Width x depth x height 500 x 400 x 500 mm. With 3 SYSTAINER drawer extensions, without SYSTAINER. | 491921 |
| SYS-Port 1000/2 | Width x depth x height 500 x 400 x 1000 mm. With 5 SYSTAINER drawer extensions, with set of rollers (4 steering rollers, 2 with locking brake), without SYSTAINER. | 491922 |
| Drawer extn SYS-Port TA/3 | Single, full extension, without SYSTAINER | 491923 |
| Set of castors SYS-Port R/3 | 5 steering castors, 2 with locking brakes for attachment to SYS-Port | 491932 |

Don't waste your time working without one!



Greater flexibility.

Connect several SYSTAINERS and SORTAINERS to collect and store the right equipment for transportation to your place of work. No more reorganising tool boxes. You can even transport your equipment by attaching it to a CT mobile dust extractor or rolling base.



No more rummaging around!

Time is money. With the SYSTAINER and SORTAINER, you can store your equipment in modules and better organised than any other storage facility. Never before have your working tools been so well organised!



Extremely durable.

These "smart boxes" made from ABS plastic are resistant to temperatures of between -40°C and 90°C and retain their shape thanks to their robust design. The carrying handle can withstand a weight of up to 200 kg. Ideal for the toughest demands!



Close at hand for assembly work.

It's essential to have all the right equipment on-site. Versatile systems by Festool save you having to search for equipment, reduce time collecting, unpacking or reaching for tools while you work. Work confidently and make a good impression on your customers.

Accessories for SYSTAINERS and SORTAINERS can be found from page 293



Less dragging, more pushing.

You can transport up to 50 kg on a rolling base. The rollers are easy to steer, ball bearing-mounted and can be locked via two brakes. The base dimensions are only slightly larger than the SYSTAINER/ SORTAINER, allowing you to push it through narrow gaps with minimum effort.



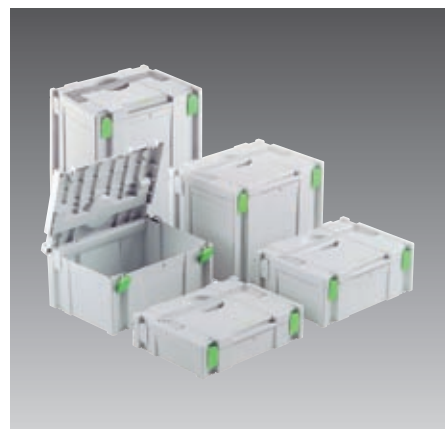
Tidy workshop.

Systainer Ports (see page 291) always keep your workshop tidy. Everything has its own place, giving you no excuse for an untidy workshop. The telescopic drawers can be adjusted to maximise use of the space available. Rollers can be attached to make the Port mobile, if required.

For more information, visit www.festool.com.au

SYSTAINER®, SORTAINER® and Systainer Port Versions

SYSTAINER® without inserts



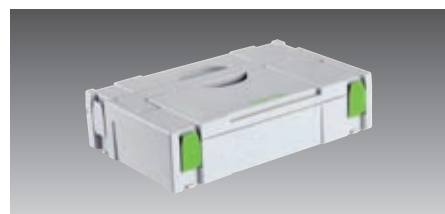
| Description and application | Type | Order no. |
|--|-------|-----------|
| SYSTAINERS | | |
| Dimensions (LxWxH): 395 x 295 x 105 mm, weight: 1.4 kg | SYS 1 | 445433 |
| Dimensions (LxWxH): 395 x 295 x 157.5 mm, weight: 1.6 kg | SYS 2 | 445434 |
| Dimensions (LxWxH): 395 x 295 x 210 mm, weight: 1.9 kg | SYS 3 | 445596 |
| Dimensions (LxWxH): 395 x 295 x 315 mm, weight: 2.4 kg | SYS 4 | 445597 |
| Dimensions (LxWxH): 395 x 295 x 420 mm, weight: 3.1 kg | SYS 5 | 493283 |

Maxi Systainer



| Description and application | Type | Order no. |
|--|------------|-----------|
| Maxi Systainer | | |
| Can be combined with SYS 1, SYS 2, SYS 3, SYS 4, SYS 5, SORTAINER dimensions (LxWxH): 590 x 390 x 210 mm, weight: 4.0 kg | SYS MAXI | 490701 |
| Maxi Systainer | | |
| Can be combined with SYS 1, SYS 2, SYS 3, SYS 4, SYS 5, SORTAINER dimensions (LxWxH): 590 x 390 x 157.5 mm, weight: 3.0 kg | SYS MAXI 2 | 492582 |

Mini Systainer



| Description and application | Type | Order no. |
|--|----------|-----------|
| Mini Systainer | | |
| Can only be combined with Mini Systainers, not SYSTAINERS or SORTAINERS, dimensions (LxWxH): 265 x 170 x 70 mm, weight: 0.4 kg | SYS MINI | 460853 |

SYSTAINER® with inserts for Festool tools



| Description and application | Type | Order no. |
|---|-------------------|-----------|
| SYSTAINERS | | |
| SYSTAINER size: SYS1, with insert for LS 130 | SYS-LS 130 | 490168 |
| SYSTAINER size: SYS1, with insert for RS 400/DS 400 | SYS-RS 400/DS 400 | 489124 |
| SYSTAINER size: SYS1, with insert for RS 4 | SYS-RS 4 | 487876 |
| SYSTAINER size: SYS1, with insert for DX | SYS-DX | 487578 |
| SYSTAINER size: SYS1, with insert for PS 300 | SYS-PS 300 | 490169 |
| SYSTAINER size: SYS1, with insert for PSB 300 | SYS-PSB 300 | 490170 |
| SYSTAINER size: SYS1, with insert for PS 2/PS 200 | SYS-PS 2/PS 200 | 487183 |
| SYSTAINER size: SYS1, with insert for CDD/MC | SYS-CDD/MC | 487588 |
| SYSTAINER size: SYS1, with insert for CDD/EC | SYS-CDD/EC | 489118 |
| SYSTAINER size: SYS1, with insert for TDD 9.6/12/MC | SYS-TDD 9,6/12/MC | 489120 |
| SYSTAINER size: SYS1, with insert for C 12 | SYS-C 12 | 493532 |

SYSTAINER®, SORTAINER® and Systainer Port Versions

SYSTAINER®

with inserts for Festool tools



Description and application

Type

Order no.

SYSTAINERS

| | | |
|--|----------------------|--------|
| SYSTAINER size: SYS1, with insert for TDD 9.6/12/EC | SYS-TDD 9,6/12/EC | 489119 |
| SYSTAINER size: SYS1, with insert for TDD 14.4/EC | SYS-TDD 14,4/EC | 489374 |
| SYSTAINER size: SYS1, with insert for CDD/FX/EC | SYS-CDD/FX/EC | 490669 |
| SYSTAINER size: SYS1, with insert for TDD 9.6/12/FX/EC | SYS-TDD 9,6/12/FX/EC | 490670 |
| SYSTAINER size: SYS2, with insert for RS 300/RS 3 | SYS-RS 300/RS 3 | 487226 |
| SYSTAINER size: SYS2, with insert for RS 200/RS 2 | SYS-RS 200/RS 2 | 487783 |
| SYSTAINER size: SYS2, with insert for RS 100/RS 1 | SYS-RS 100/RS 1 | 487184 |
| SYSTAINER size: SYS2, with insert for ES 125 | SYS-ES 125 | 489226 |
| SYSTAINER size: SYS2, with insert for RO 150 | SYS-RO | 487782 |
| SYSTAINER size: SYS2, with insert for RAS 115 | SYS-RAS 115 | 487784 |
| SYSTAINER size: SYS2, with insert for OFK 500 | SYS-OFK 500 | 490269 |
| SYSTAINER size: SYS2, with insert for EHL 65 | SYS-EHL | 488567 |
| SYSTAINER size: SYS3, with insert for HL 850 | SYS-HL-850 | 488989 |
| SYSTAINER size: SYS3, with insert for ES 150/ETS 150 | SYS-ES 150 | 489702 |
| SYSTAINER size: SYS3, with insert for ET | SYS-ET | 487227 |
| SYSTAINER size: SYS3, with insert for OF 1010/KF | SYS-OF1010/KF | 488447 |
| SYSTAINER size: SYS3, with insert for SAF | SYS-SAF | 487239 |
| SYSTAINER size: SYS3, with insert for TPE | SYS-TPE | 487240 |
| SYSTAINER size: SYS4, with insert for TS 55 | SYS-TS55 | 491903 |
| SYSTAINER size: SYS4, with insert for ATF 55 | SYS-ATF 55 | 487219 |
| SYSTAINER size: SYS4, with insert for AP 55 | SYS-AP 55 | 487220 |
| SYSTAINER size: SYS4, with insert for AT 65 | SYS-AT 65 | 487221 |
| SYSTAINER size: SYS4, with insert for AP 65 | SYS-AP 65 | 487222 |
| SYSTAINER size: SYS4, with insert for OF 2000 | SYS-OF2000 | 487481 |
| SYSTAINER size: SYS5, with insert for TS 75 | SYS-TS 75 | 493362 |
| SYSTAINER size: SYS MAXI, with insert for BS 75 | SYS-BS 75 | 490751 |
| SYSTAINER size: SYS MAXI, with insert for BS 105 | SYS-BS 105 | 490752 |

SYSTAINER® with inserts for abrasives



Description and application

Type

Order no.

SYSTAINERS

| | | |
|---|----------------------|--------|
| SYSTAINER size: SYS 1, with insert for STF D115 | SYS-STF D115 | 487432 |
| SYSTAINER size: SYS 1, with insert for STF D125 | SYS-STF D125 | 489463 |
| SYSTAINER size: SYS 1, with insert for STF 80x133 | SYS-STF 80x133 | 487435 |
| SYSTAINER size: SYS 1, with insert for STF 93 V | SYS-STF 93 V | 487633 |
| SYSTAINER size: SYS 1, with insert for STF Delta100x150 | SYS-STF Delta100x150 | 489464 |
| SYSTAINER size: SYS2, with insert for STF 115x228 | SYS-STF 115x228 | 487433 |
| SYSTAINER size: SYS2, with insert for STF 93x178/93V | SYS-STF 93x178/93V | 487434 |
| SYSTAINER size: SYS3, with insert for STF D150 | SYS-STF D150 | 487431 |

SYSTAINER® with multipurpose insert

Description and application

Type

Order no.

SYSTAINERS

With multipurpose insert for sundries, SYSTAINER size: SYS1

SYS 1 Uni

487194

SYSTAINERS

With single, variable diced foam insert for creating desired shape SYSTAINER size: SYS1

SYS 1 Vari

487410

With double, variable diced foam insert for creating desired shape SYSTAINER size: SYS2

SYS 2 Vari

487485

SYSTAINERS

With shaped foam inlay, for clearly laid out storage of D8, D12 router tools SYSTAINER size: SYS1

SYS-OF D8/D12

487925

SYSTAINERS

With individual, removable plastic containers SYSTAINER size: SYS1

SYS 1 BOX

487552

Plastic containers for SYS 1 box

Red

Dimensions (LxWxH): 54 x 54 x 63 mm, qty. in pack: 12 kg

BOX 54x54/12 SYS 1

487657

Yellow

Dimensions (LxWxH): 108 x 54 x 63 mm, qty. in pack: 6 kg

BOX 108x54/6 SYS 1

487658

Blue

Dimensions (LxWxH): 108 x 108 x 63 mm, qty. in pack: 3 kg

BOX 108x108/3 SYS 1

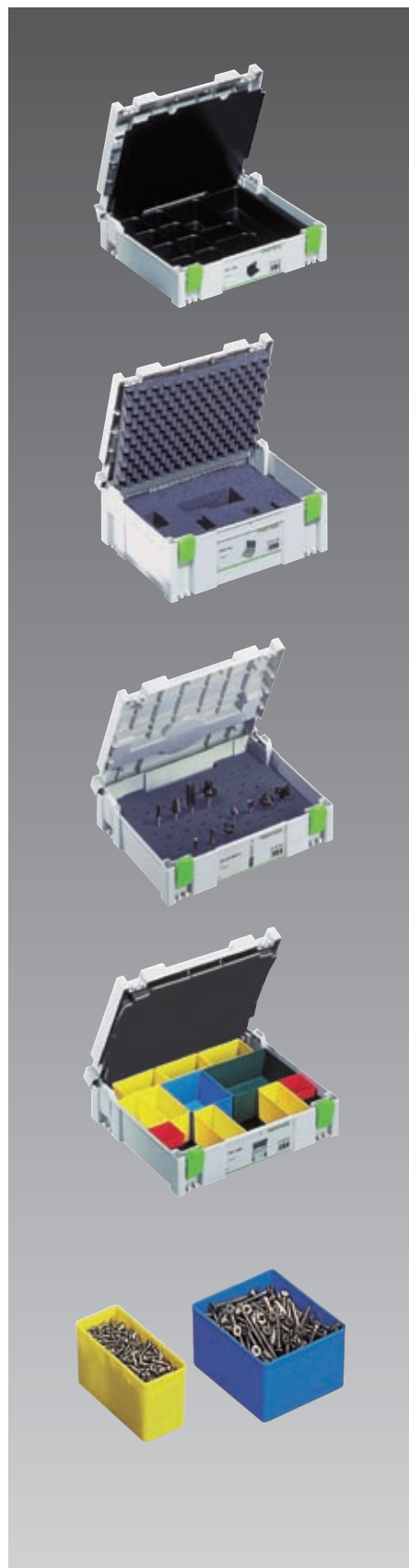
487659

Green

Dimensions (LxWxH): 162 x 108 x 63 mm, qty. in pack: 2 kg

BOX 162x108/2 SYS 1

487660



SYSTAINER®, SORTAINER® and Systainer Port Versions and accessories

SYSTAINER® with inlay for hand tools



Description and application

Type

Order no.

SYSTAINERS

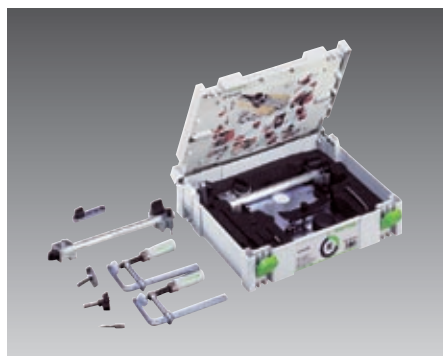
Tool you require can be located quickly since all hand tools are clearly arranged for the carpenter/joiner. Scope of delivery does not include tools.

Scope of delivery: wooden insert, recommendations for use
SYSTAINER size: SYS4

SYS-HWZ

491301

Hole drilling set



Description and application

Type

Order no.

Outstanding working conditions and maximum time savings guaranteed thanks to a well thought-out, practical collection of complete accessories for drilling rows of holes in shelving units and for recessing furniture fittings with a 32 mm grid, supplied in a SYSTAINER. (guide rail with row of holes is also required – see page 270).

For OF 900, OF 1000, OF 1010

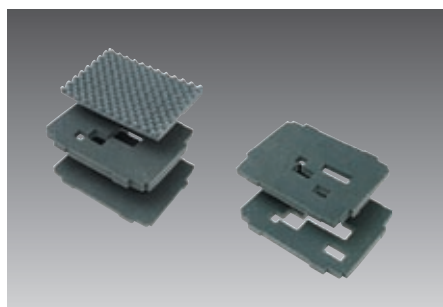
Scope of delivery: guide plate, centring mandrel, operating tool, HW hinge location cutter dia. 35 mm, HW dowel drill dia. 5 mm (roof style), HW dowel drill dia. 5 mm (with centre point and cutter), all shanks D8 mm, 2 side stops with stop flag, 2 clamps FSZ 120

SYSTAINER size: SYS1

LR 32-SYS

489270

Foam inserts for SYSTAINER®



Description and application

Type

Order no.

Foam insert

Set consists of:

1 x cover insert with dimpled texture

1 x base insert

1 x diced insert for creating desired shape, suitable for SYS 1 - SYS 5

SYS-VARI SE

487427

Diced foam insert set

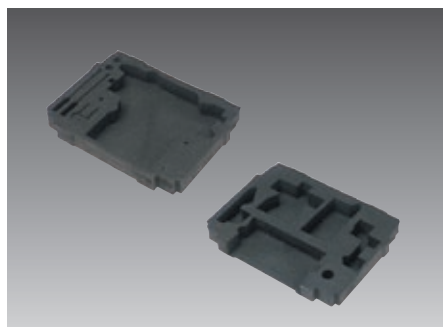
Set consists of:

2 x diced inserts for creating desired shape, suitable for SYS 1 - SYS 5

SYS-VARI RM

487428

Foam inserts for application SYSTAINER®



Description and application

Type

Order no.

SYSTAINER insert

For hole drilling set accessories (contents not included), for SYSTAINER size SYS 1

SE-LR 32 SYS

489432

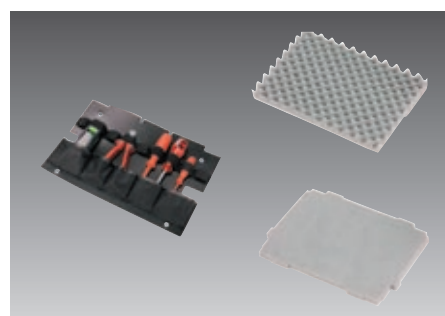
SYSTAINER insert

For edge trimming set accessories (contents not included), for SYSTAINER size SYS 1

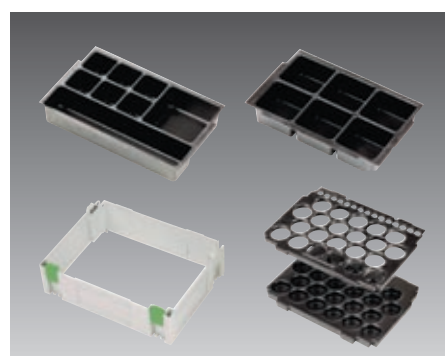
SE-KB-SYS

489433

Cover and base inlays

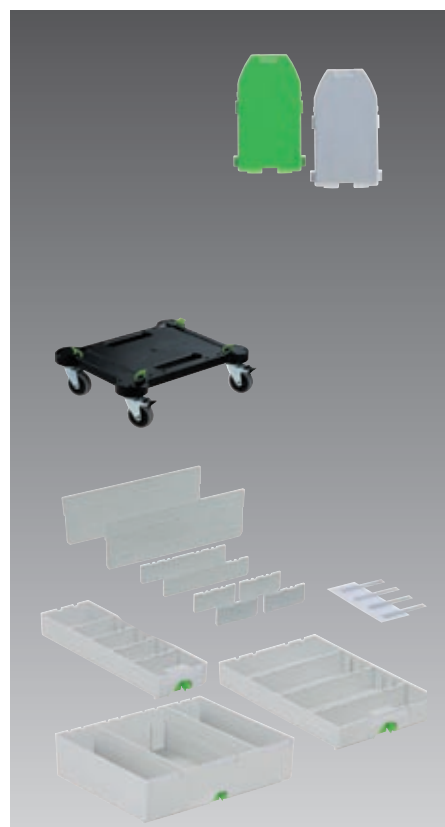


| Description and application | Type | Order no. |
|--|----------------|-----------|
| Hard foam cover inlay, flat (not shown) For SYS 1 - SYS 5 | DE SYS 1-4 | 491641 |
| Dimpled cover pad for SYS MAXI | SE-DP SYS MAXI | 491633 |
| Dimpled cover pad for SYS 1 - SYS 5 | SE-DP SYS 1-4 | 491640 |
| Dimpled cover pad for SYS MINI | SE-DP SYS MINI | 491638 |
| Tool cover Suitable for SYS 1 - SYS 5 (tools not included) | WZD SYS 1-4 | 491643 |
| Base pad for SYS MAXI | SE-BP SYS MAXI | 491632 |
| Base pad for SYS 1 - SYS 5 | SE-BP SYS 1-4 | 491642 |

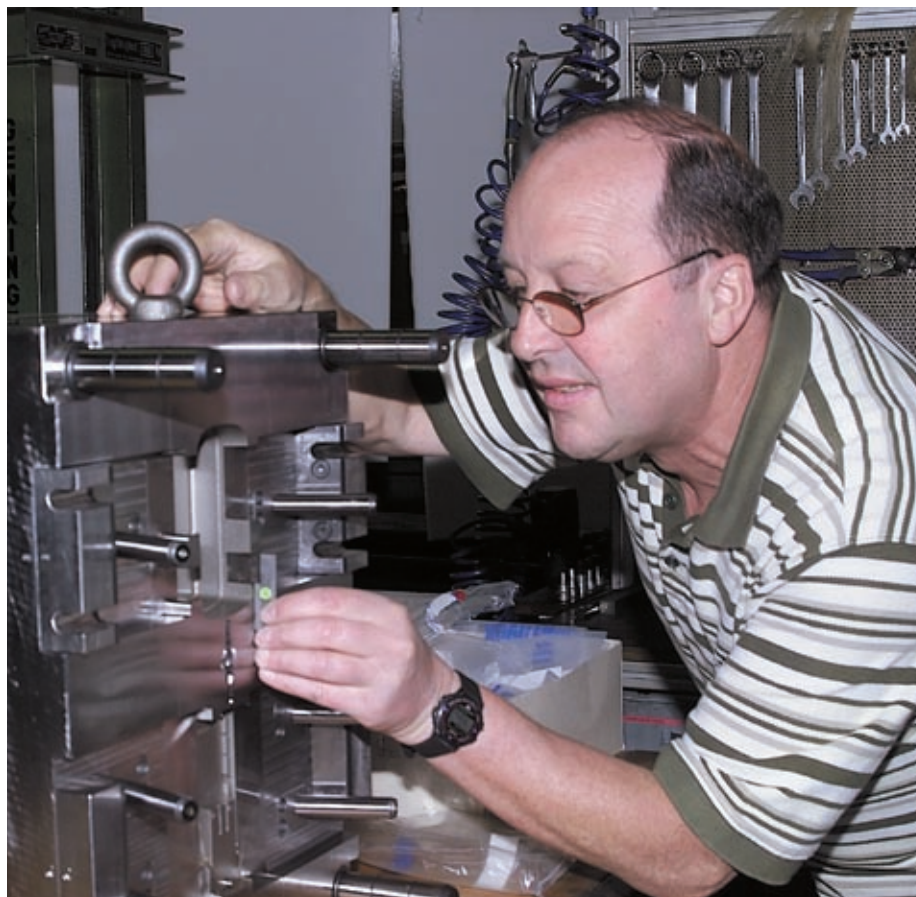
Deep-drawn insert,
designed for cartridges

| Description and application | Type | Order no. |
|--|------------------|-----------|
| Universal deep-drawn insert For SYS MINI | TZE-Uni SYS MINI | 491634 |
| Deep-drawn insert With 6 compartments for SYS MINI | TZE-6 SYS MINI | 491635 |
| Deep-drawn insert (not shown) With 5 compartments for SYS MINI | TZE-5 SYS MINI | 491636 |
| Deep-drawn insert (not shown) With 3 compartments for SYS MINI | TZE-3 SYS MINI | 491637 |
| Telescopic frame (frame attachment) Dimensions (L x W x H): 395 x 295 x 107 mm for raising the height of SYS 4 to 422 mm | TKR-SYS | 491631 |
| Cartridge inlay (set) For storing cartridges in the SYS 4 (also ideal in combination with the telescopic frame) or SYS 5 | TZE-KT SYS 4 | 491639 |

Other accessories



| Description and application | Type | Order no. |
|--|----------------------------|----------------------------|
| Locking latch | | |
| Multipack for SYS 1 - SYS 5/Maxi 2 x green locking latches, 2 x grey locking latches Qty. in pack: 4 | SV-SYS 1-4/MAXI MP-4 | 491837 |
| Multipack for SORTAINER 2 x green locking latches, 2 x grey locking latches Qty. in pack: 4 | SV-SYS 3 SORT MP-4 | 491838 |
| Multipack for SYS MINI 2 x green locking latches, 2 x grey locking latches Qty. in pack: 4 | SV-SYS MINI MP-4 | 491839 |
| Multipack for SYS MAXI 2 x grey locking latches, qty. in pack: 2 | SV-SYS MAXI MP-2 | 491840 |
| Rolling base With 4 ball bearing-mounted steering rollers and locking brake, for transporting SYSTAINERS, sizes 1-5 and SORTAINERS, max. load capacity 50 kg | RB SYS 1-4 | 492388 |
| Dividers for SORTAINERS (replacement) For small drawer, qty. in pack: 10 For medium drawer, qty. in pack: 5 For large drawer, qty. in pack: 2 | | 491691 491692 491693 |
| Labelling set for SORTAINER 10 label holders, 5 label sheets with 8 strips each | | 491694 |
| Drawers for SORTAINERS (replacement, dividers not included) Small Medium Large | 1B2T1H 2B2T1H 4B2T2H | 491555 491554 491553 |



Certified for outstanding performance

The Festool brand can assert that all its products surpass the highest quality requirements because Festool has

introduced a complex, certified quality management system to make absolutely sure of this. In this process, many elements interlock like the teeth on cogs:

a qualified, responsible management team, reliable quality planning and testing, continually improving production and efficient communication.

These processes are subject to an independent audit so that they can be checked objectively. All parties regularly demonstrate that they satisfy professional requirements, from management to the production process department. Very successfully. Certification as per DIN EN ISO 9001 has consistently confirmed this for years. For Festool and its customers, this means maximum reliability regarding quality and service. More proof of Festool's high standards is the production plant in Neidlingen near Stuttgart, which has won awards on several occasions.



1 + 2 = Better guarantee

Festool quality extends far beyond the requirements specified in DIN standards. As the first manufacturer of electric power tools, Festool guarantees its commercial customers not only the statutory guarantee period of one year for material and production precision, but because Festool is so convinced of the quality of its own products, it gives a three-year guarantee and has been doing so since 1999. The 1+2 guarantee represents greater economic efficiency and working security

for our customers. Every new tool is accompanied by a 1+2 guarantee form. This form just needs to be completed in full and returned to Festool within 30 days of purchase to extend the guarantee period. Or register the machine online at www.festool.com.au. You will find the precise conditions for the 1+2 guarantee as well as directions for use and maintenance instructions in the operating manual and the documents included with each new tool.

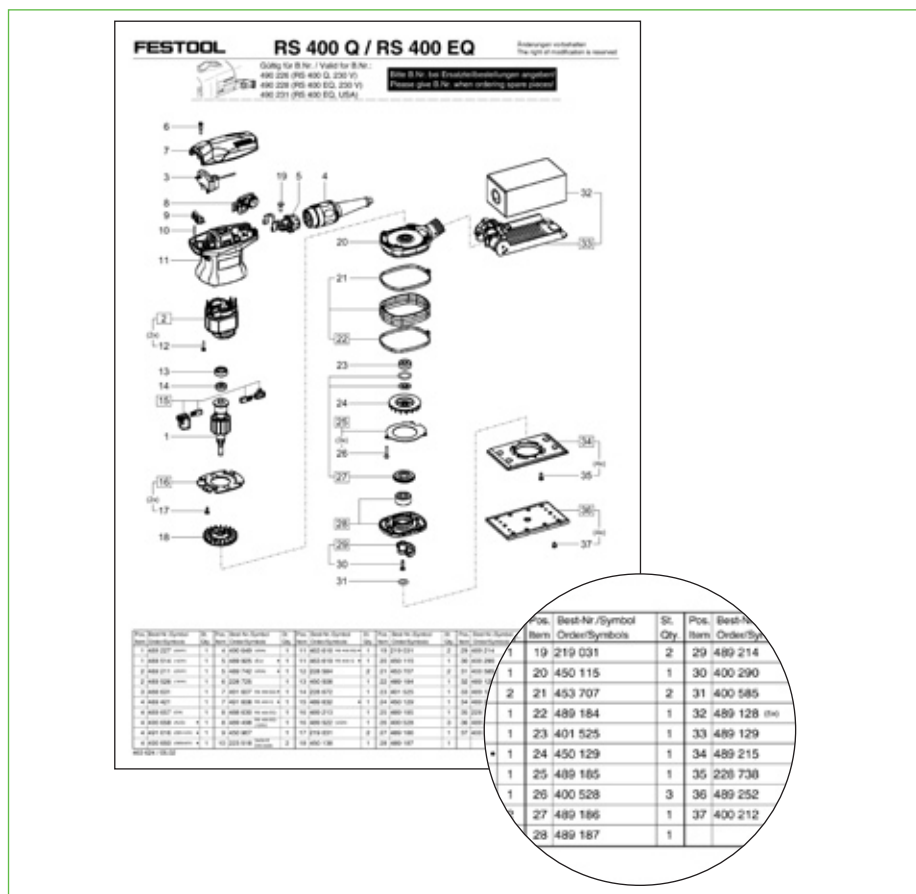
Benefits at a glance



The Festool service concept includes services that offer more benefits for machines, from Festool quality management for perfect products to rapid repairs for economical work.

- Handover to specialist dealer
- Direct consignment to Festool after-sales service
- Collection service
- 48-hour turnaround at the Festool Service Centre
- 3-year guarantee

Festool After-Sales Service



Rapid location of spare parts

A clearly laid out and detailed diagram of the machine accompanies every new Festool tool that leaves the factory. All spare parts are assigned a part number, enabling you to easily locate the spare part and the spare part number in the accompanying table. You can also be sure that the replacement parts you are ordering are original and offer maximum reliability and service life.

Spare part guarantee

Machines also come with a spare part guarantee because original Festool spare parts are so durable. All spare parts are available for every machine type for up to seven years after the product is discontinued. Essential spare parts for the most important machines are usually available for even longer. Consult your specialist dealer. They will have a copy of the latest spare parts catalogue and will be glad to answer any questions you have in this matter. Spare parts drawings are also available at www.festool.com.au

Ordering spare parts

All spare parts should be ordered through a specialist retailer for maximum reliability and to ensure that only original spare parts are supplied. Retailers only require the machine type and the so-called basic unit number (B number, known as the T number from 2005). This information can be found on the machine identification plate and guarantees that you will always be able to find the correct spare parts for your machine, even if the machine has been discontinued.



Repairs calculated fairly

It goes without saying that all repair costs resulting from warranty claims are absorbed by Festool. Should a fault occur after the warranty period has expired, you can decide if your machine is worth repairing. If repair costs are excessive (approx. 50% of the new machine price), Festool will make a detailed cost estimate to help you with this decision. Festool will also submit a similar cost estimate for all other repairs liable to costs, on request.

The repair costs consist of labour, material, packaging and transport costs (plus tax). All items are listed separately in the invoice to give you a clear overview of the price/performance ratio.

Product safety

Festool attaches great importance to the safety of its customers. This is why high-voltage test equipment is used to test all machines thoroughly after repairs. Only then can Festool ensure that the electrics of each tool are perfectly safe.

Information is supplied with your tool to show that it has been repaired and checked by Festool's after-sales service.

Disposal

The sands of time will eventually run out for every Festool machine, even though they are designed for a long service life. At this point, it will require proper disposal because at Festool,

preserving our environment for the future is high on our list of priorities.

You can return your old tools and used batteries to us and we will pass them on to a recycling centre to help preserve our environment.

Festool After-Sales Service



Only 48 hours¹ – Our service

It doesn't happen very often, but sometimes even Festool machines need repairing and to keep your downtimes to a minimum, we offer a 48-hour service. The aim of the Festool after-sales service department is to send a faulty tool back to the customer in full working order within 48 hours of receipt at the Festool after-sales service centre. There are three different ways to process the repair order:

1. Handover to specialist dealer

Hand the machine to your specialist dealer, specifying the nature of the fault. Your dealer fills in a repair order together with you, packs the machine safely - usually in a repair SYSTAINER - and sends it to the Festool After-Sales Service Centre. Once the product has been repaired and returned, the dealer will contact you to confirm the tool has arrived at the dealership and is ready for collection.

2. Direct consignment to Festool After-Sales Service.

Because Festool SYSTAINERS have been approved for consignment by post, the customer can send the faulty tool directly to Festool in its original

SYSTAINER. Simply pack the machine in the SYSTAINER or a box together with a repair order and send it straight to Festool.

3. Collection service¹

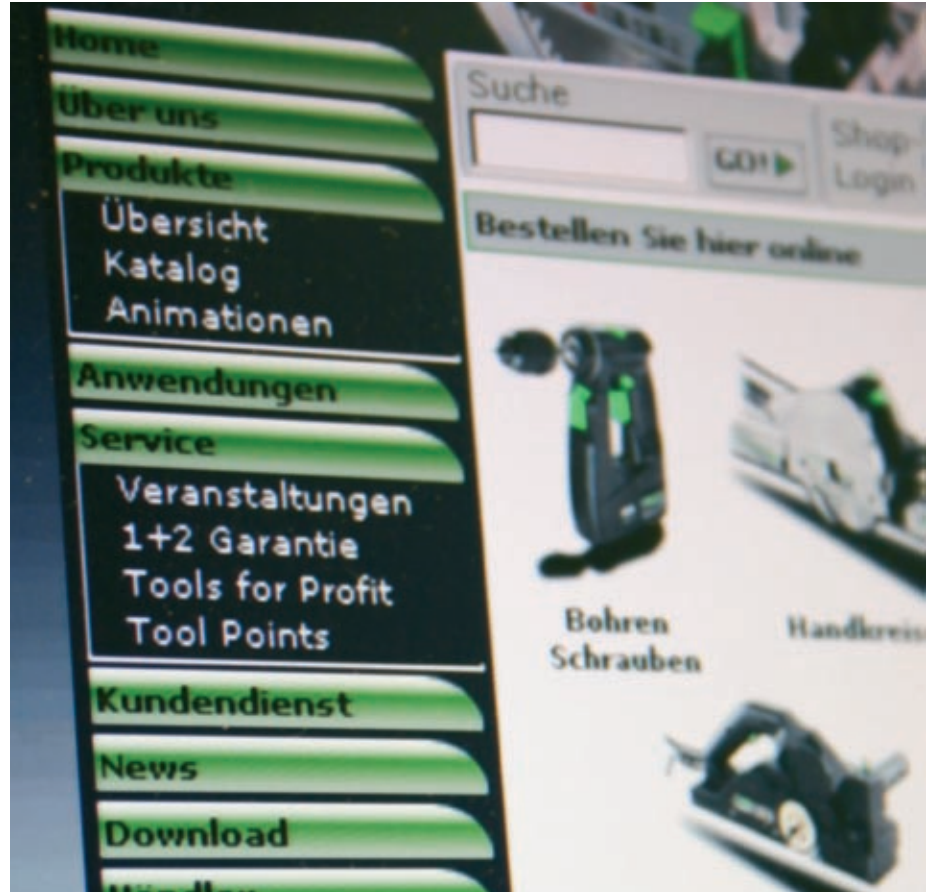
Festool offers a direct collection service to save you travelling to the post office or your specialist dealer. The faulty machine is speedily collected from your premises at minimum expense and returned once repairs have been successfully completed.

If the machine is still under warranty, Festool will absorb all transport costs. If the customer is liable for any repair costs, they only pay transport costs for one way.

Festool After-Sales Service

Festool after-sales service
63-65 Quantum Close/PO Box 4401
Dandenong VIC 3164

Phone: 03 8795 9218
Fax: 03 8795 9222
E-mail: festool@festool.com.au



Open 24 hours.

The computer and the Internet offer a host of benefits, because they are the gateway to the world of Festool online. You can find everything you need to know about tools for the toughest demands by visiting www.festool.com.au. Whether ordering tools and accessories from the comfort of your home or workshop, or accessing a wealth of information on new features, further developments or useful tips and tricks. See for yourself at www.festool.com.au. You'll be pleasantly surprised!

Never has it been so easy and convenient to purchase a Festool product. Customers can place their order quickly and easily, 24 hours a day, seven days a week, either from their home or the computer in their workshop at www.festool.com.au. Needless to say, all products from the current online catalogue are available to order: tools and accessories as well as abrasives and saw blades.

And to top it all off, the services offered by your specialist dealer are not forfeited just because you ordered from Festool online. Place your order online and you can arrange for your specialist dealer to deliver your order direct to the premises of your choice. You can also pay the invoice and seek further assistance through your dealer.

www.festool.com.au



Always better informed

The Festool homepage is the most authoritative source of information regarding wood and surface finishing, including automotive applications. Here you can find information on everything there is to know about the 1+2 guarantee, repair and spare parts deliveries, and so on. Indeed, you can also order product literature or run a search for specialist dealers.



Everything about our products

If you want to keep yourself well informed, you need look no further than www.festool.com.au. Here, you will find a host of information on new features and further developments by Festool including test reports, product animations, the history behind new machines, accessories and materials. Access a wealth of comprehensive information at the click of a button.



Know-how

Contact our customer service personnel at www.festool.com.au for expert advice and consultation. They are all specialists and experienced tradesman in their field.

Under the heading "Products", you will find answers to Frequently Asked Questions, which can help you with some common problems and simple implementation methods.

To ensure that work gets done a little more quickly, easily and efficiently, why not take a look under the heading "Service" at Festool's Tips and Tricks, for practical advice.



Always well advised

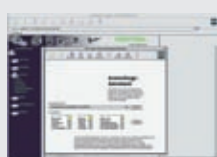
The Internet is also the best way of accessing offers from the Festool advice service. Whether you require detailed, professional training or would like to make use of the Festool tradesman advice service – you're in the right place. At the popular training sessions, qualified specialists familiarise you with Festool machines, instruct on how to handle them, demonstrate the best working methods and explain complete working procedures with reference to a working model.

In contrast, the Festool tradesman advice service concentrates entirely on process optimisation in your workshop. Festool professionals help tradesman reorganise and improve their workshops and working procedures with the objective of increasing the economic efficiency of business and minimising weaknesses.

A dealer you can trust

Because Festool attaches great importance to providing technical advice to its customers, our network of specialist dealers has been carefully selected. These dealers employ well-trained personnel to sell Festool products. A dealer search function is available on the Festool website so that you can find the one closest to you. Here you can run a search for dealers who offer hand-on testing of Festool tools and carry a wide range of our products, with the criteria: specialisation, post code and/or dealer name.

Benefits at a glance



- 24-hour shopping
- Tips, tricks, advice
- Expert advice and consultation
- Test reports

www.festool.com.au

- Product animation
- 1+2 warranty
- New features and developments
- Dealer search

What? When? Where? Events

If you are searching for dates and events, look on the Festool website. Trade fairs where Festool is present and in-house Trade Days/demonstrations organised by your dealer are listed, specifying the location, date and content.

Moreover, you can find out about training workshop events or technical courses at any time.

Notes

[illegible]

Special Orders

| Order number | Description | Model | Catalogue page no. |
|--------------|-------------|-------|--------------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Order List

| Order number | Description | Model | Catalogue page no. |
|--------------|-------------|-------|--------------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Simply copy this page and give it to your Festool distributor



Accessories for Festool systems

+



Workplace organisation

+



Consumables

How to find what you're looking for in this catalogue

Everything from A to Z.

| | | | | | |
|---------------------------------------|--------------------|-------------------------------------|--------|----------------------------------|--------------------|
| A | | | | | |
| Abrasive SYSTAINER | 294 | Bench saw module Mod 2A | 80 | Cordless drills | 10 |
| Abrasives | 198 | Bench saws, | | Countersinks | 23, 25 |
| | | see Bench-mounted saws | 60 | Cover TS 55 | 55 |
| Accessories | | Bench unit for planers | 151 | CS 50 bench-mounted trimming saw | 65 |
| - For workplace equipment | 281 | Bench-mounted belt sander | 85 | CS 70 bench-mounted trimming saw | 68 |
| - For drilling and screwdriving | 22 | Bench-mounted saws | 60, 76 | CT mobile dust extractor | 246 |
| - For routing | 103, 104, 108, 111 | Bench-mounted trimming saws | | CT accessories | 259 |
| - For guide systems | 272 | - Basis 1 A | 87 | CT-ASA boom arm | 260 |
| - For semi-stationary work | | - CS 50 | 65 | CT/SR cleaning sets | 260 |
| with Basis Plus | 88 | - CS 70 | 68 | Cup brush for RAS | 195 |
| - For semi-stationary sawing | 73 | Bit extension | 23, 24 | Cutter sets and | |
| - For planing | 151 | Bit holder | 23, 24 | accessories | 103, 104, 108, 111 |
| - For polishing | 226 | Bits | 23, 24 | Cutter spindle | 89 |
| - For stirring, brushing, | | Boom arm accessories | 281 | Cutters | 121 |
| carpet removal | 241 | Boom arm ASA 2500/5000/6000 | 279 | | |
| - For sawing with portable | | Brilliant 2 abrasive | 199 | Cutters with reversible blades | |
| circular saws | 55 | Brush machines | 239 | - Rebating cutters | 128 |
| - For sawing with jigsaws | 36 | Brush sanders | 239 | - Slot cutters | 125 |
| - For dust extraction | 258 | Brushes for rotary sanders | 195 | - Edge trimming cutters | 127 |
| - For sanding | 190 | Building materials saw AXT 50 LA 63 | 54 | - Groove cutters | 124, 137 |
| - For sanding with compressed air | 217 | | | | |
| - For SYSTAINERS, SORTAINERS | | | | | |
| and Systainer ports | 293, 296, 297 | | | | |
| Additional stop for SYM 70 | 75 | | | | |
| Adjustable square | 75, 272 | | | | |
| Adjustable square SYM 70/ | | | | | |
| Combination bevel | 75 | | | | |
| Aluminium composite board cutters | 120 | | | | |
| Aluminium composite | | | | | |
| milling machine PF 1200 | 119 | | | | |
| Aluminium cutter | 136 | | | | |
| Aluminium saw blade | 37, 58 | | | | |
| Angle stops | 73, 74, 88, 93 | | | | |
| Angle unit | 272 | | | | |
| AP 55 - Pendulum cover saw | 52 | | | | |
| AP 65 - Pendulum cover saw | 52 | | | | |
| AP 85 - Pendulum cover saw | 53 | | | | |
| APS 900 | 113 | | | | |
| ASA boom arm | 279 | | | | |
| ASA-CT | 260 | | | | |
| Assembly extractors, | | | | | |
| see Mobile dust extractors | 242 | | | | |
| Attachments for batteries | 22 | | | | |
| B | | | | | |
| B1 extractor SRM 312 LE-AS | 257 | | | | |
| Basin cutter | 139 | | | | |
| Basis Plus basic unit | 80 | | | | |
| Basis Plus work modules | 84 | | | | |
| Basis Plus, see Basis Plus system | 76 | | | | |
| Basis-Plus system | 76 | | | | |
| - Basis Plus work modules | 84 | | | | |
| - Basis module tower | 90 | | | | |
| - Basis set 1 | 87 | | | | |
| - Compact Mod CMB 120 | 84 | | | | |
| - Router module Mod 5A | 84 | | | | |
| - Basis Plus basic unit | 86 | | | | |
| - Sliding table and stops | 88 | | | | |
| - Jigsaw module Mod 4 | 84 | | | | |
| - Bench saw module Mod 2A | 84 | | | | |
| - Trimming saw module Mod 1A | 84 | | | | |
| Batteries | 22 | | | | |
| Battery chargers LC 45 | 21 | | | | |
| Battery packs | 22 | | | | |
| Belt sanders | | | | | |
| - BS 105 E | 187 | | | | |
| - BS 75 E | 187 | | | | |
| C | | | | | |
| C12 cordless drill | 15 | | | | |
| Carpet remover TPE | 240 | | | | |
| Cartridge inlays for SYSTAINERS | 297 | | | | |
| Case | 284 | | | | |
| Centring mandrel | 103 | | | | |
| CENTROTEC accessories | 23 | | | | |
| CENTROTEC tool chuck | 22 | | | | |
| Chamfer cutter | 126 | | | | |
| Chamfer ogee cutters | 125, 126, 135 | | | | |
| Chuck | 22 | | | | |
| Circle cutters for jigsaws | 36 | | | | |
| Circular saw blades | 57 | | | | |
| Circular saws | 40, 60, 76 | | | | |
| Clamp | 93, 272 | | | | |
| Clamping collets | 104, 108, 111 | | | | |
| Combination bevel | 272 | | | | |
| Compact CB 120 | 85 | | | | |
| Compact module CMB 120 | 84 | | | | |
| Compound mitre saw SYMMETRIC | 71 | | | | |
| Compressed air eccentric sanders | 214 | | | | |
| - LEX 2 125 | 214 | | | | |
| - LEX 2 150 | 214 | | | | |
| - LEX 2 185 | 214 | | | | |
| Compressed air orbital sanders | 216 | | | | |
| - LRS 400 | 216 | | | | |
| - LRS 93 G | 216 | | | | |
| - LRS 93 M | 216 | | | | |
| Compressed air sanders | 208 | | | | |
| Compressed air | | | | | |
| service unit | 281, 282, 264 | | | | |
| Compressed-air connections | 217 | | | | |
| Copying device (Basis Plus) | 89 | | | | |
| Copying rings | 104, 108, 111 | | | | |
| Cordless drill | | | | | |
| - C 12 | 15 | | | | |
| - TDK 12 | 18 | | | | |
| - TDK 15.6 | 18 | | | | |
| Cordless drill accessories | | | | | |
| - Screwdriver and drill bits | 23 | | | | |
| - Eccentric adapter | 22 | | | | |
| - Battery charger | 21 | | | | |
| - Attachments | 22 | | | | |
| - Elbow adapter | 22 | | | | |
| D | | | | | |
| Delta sander DS 400 | 180 | | | | |
| DELTEX DX 93 | 183 | | | | |
| DELTEX triangular sander | 183 | | | | |
| Dirt trap for mobile dust extractors | 264 | | | | |
| Disc groove cutter | 131 | | | | |
| Disc groove cutters | 131 | | | | |
| Dovetail cutters | 115, 129 | | | | |
| Dovetail joint cutting tool | 114 | | | | |
| Dowel drill | 131 | | | | |
| Dowel template VS 600 | 114 | | | | |
| Drawer SYSTAINER | 290 | | | | |
| Drill | 131 | | | | |
| Drill bits | 23, 25 | | | | |
| Drill countersink | 25 | | | | |
| Drills | 12 | | | | |
| DUPLEX LS 130 | 184 | | | | |
| Dust bags | 265 | | | | |
| Dust extraction | 242 | | | | |
| Dust extractors, | | | | | |
| see Mobile dust extractors | 242 | | | | |
| Dust extractors, see Mobile dust | | | | | |
| extractors / Special extractors | 242 | | | | |
| Dust filters and dust filter bags | 265 | | | | |
| E | | | | | |
| EC extractor SRM 212 | 257 | | | | |
| Eccentric adapter for cordless drills | 22 | | | | |
| Eccentric polisher ROTEX | 163, 166 | | | | |
| Eccentric sanders | | | | | |
| - ES 125 EQ | 173 | | | | |
| - ETS 150/3 | 170 | | | | |
| - ETS 150/5 | 170 | | | | |
| - ROTEX RO 125 | 163 | | | | |
| - ROTEX RO 150 | 166 | | | | |
| - WTS | 169 | | | | |
| EC-TEC | 15 | | | | |
| Edge trimming | 99 | | | | |
| Edge trimming cutter | | | | | |
| - OF 1010 | 127 | | | | |
| - OFK 700/500 | 135, 136 | | | | |
| Edge trimming cutters | | | | | |
| - OFK 500 | 116 | | | | |
| - OFK 700 | 117 | | | | |

| | | | | | |
|------------------------------|--------------------|--------------------------------|---------------|-----------------------------------|---------------|
| Edging plate UP-OF | 104 | Jigsaw blades | 37 | Parallel stop for jigsaws | 36 |
| Elbow adapter | 22 | Jigsaw module MOD 4/PS 300 | 84 | Pendulum cover saws | |
| Energy box ASA | 279 | Jigsaw unit | 84 | - AP 55 | 52 |
| Energy box EAA | 279 | Jigsaws | 26 | - AP 65 | 52 |
| Extension handle | 240 | Jointing system VS 600 | 114 | - AP 85 | 53 |
| Extension profiles VP-MFS | 113 | | | | |
| Extension table | 55, 73, 88 | K | | Pendulum jigsaws | 26 |
| Extraction set | 73, 74, 90 | Keyless chuck | 22 | - PS 200 | 35 |
| Extractor boom arm | 260, 279 | | | - PS 300 | 31 |
| Extractor hoses | 217, 259, 261 | | | - PSB 300 | 31 |
| F | | L | | Pendulum stroke jigsaws | 26 |
| Facing cutter | 132 | Laminate saw blades | 58 | Perforated board for | |
| Facing cutters | 134 | Lever clamp | 93, 272 | multifunction table MFT | 93 |
| False joint stop | 55 | Limit stop/ Guide stop | 55, 272 | Plane cutters | 128, 135 |
| Fastening clamps | 93, 272 | Linear sander accessories | 194 | Planer | 142 |
| Feeler rollers | 120 | Linear sander DUPLEX | 184 | - One-handed planer EHL 65 E | 147 |
| Filters and filter bags | | Long orbital sander LRS 400 | 216 | - Planer HL 850 | 149 |
| - For mobile dust extractors | 265 | | | | |
| - For sanders | 190 | M | | Planer bench unit | 151 |
| Floor nozzles | 260 | Maxi Systainer | 293 | Planer blades | 151 |
| Flute cutter | 126 | Microfibre cloths | 229 | Planing heads for HL 850 | 151 |
| Foam insert | | Mineral material cutters | 137 | Plasterboard cutters | 130 |
| - For application SYSTAINERS | 296 | Mitre tongue and groove cutter | 130 | Platin 2 abrasive | 199 |
| - For SYSTAINERS | 296 | Mini Systainer | 293 | plug-it | 283 |
| FS-RAPID | 272 | Mixing centre MIC 1600 | 241 | Plunge-cut saws | 46, 49 |
| G | | Mixing tools | 237 | Plunge-cut saws | |
| Gear-drive sanders | 163 | Mobile dust extractors | | - TS 55 | 46 |
| GECKO | 273 | - CT/CT-HEPA | 251 | - TS 75 | 49 |
| GECKO dual suction pad | 273 | - CT MINI | 248 | | |
| Groove cutter | 123 | - CTM | 254 | Pneumatic tool adapters | 217, 264, 281 |
| Guide rail clamps | 272 | Module tower, Basis Plus | 90 | Pocket Stickfix | 197 |
| Guide rail for rows of holes | 270 | Multifunction tables | 91 | Polish | 228, 229 |
| Guide rails and accessories | 270, 272 | - MFT 1080 | 91 | Polishers | 218 |
| Guide stops | 55, 272 | - MFT 800 | 91 | Polishing accessories | 228 |
| Guide stops for jigsaws | 36, 272 | | | Polishing felt | 226 |
| Guide stops for routers | 272 | Multi-routing template MFS | 112 | Polishing pads | 227 |
| Guides and | | | | Polishing sponges | 226 |
| stops | 103, 104, 108, 111 | N | | PoliStick polishing accessories | 227 |
| H | | Novadrive cordless accessories | 24, 25 | - For POLLUX 180 | 231 |
| Half-round cutters HW | 125 | Novadrive drill bits | 23, 25 | - For RAP 150, RO 150, RO 125 | 230 |
| Hand hole cutter | 129 | Nozzles | 260, 262, 263 | - For RAP 80 | 229 |
| Hand pad | 197 | | | Portable circular saw accessories | 55 |
| Hand rail cutter | 129 | O | | Portable circular saw blades | 57 |
| Hand sanding block | 197 | OFK 500 edge router | 116 | Portable circular saw insert | |
| Hand stirrer | 237 | OFK 700 edge router | 117 | (Basis Plus) | 84 |
| Hinge location cutter | 25 | One-handed planer EHL 65 | 147 | Portable circular saws | 42 |
| Hole drilling system | 104 | Orbital sander filter set | 191, 192, 193 | - Building materials saw | 54 |
| Hole series guide rail | 270 | Orbital sanders | 175 | - Pendulum cover saw | 52 |
| Hook driver | 23, 25 | Ovolo edge cutters | 125 | - Plunge-cut saw | 46 |
| Hose adapters | 259 | | | | |
| Hose holders | 264, 282 | P | | Precisio | 60 |
| Hose sleeves | 259 | Pad sanders | 163 | Precision adjustable square | 75, 272 |
| I | | Paintwork maintenance set | 226 | Profile sanders | 184 |
| IAS 2 hose | 217 | Parallel stop | | Profile sanding pads DUPLEX | 194 |
| Industrial dust extractors | 257 | - For portable circular saws | 55 | | |
| Iron-shaped sanding pad | 192 | - For planers | 151 | Q | |
| J | | - For routers | 104, 108, 111 | Quick-action clamp FS-RAPID | 272 |
| Jetstream | 162 | - For jigsaws | 36 | | |
| | | - For bench-mounted | | R | |
| | | trimming saws | 73, 74 | Rack for Basis Plus | 90 |
| | | | | Rails, see Guide rail | 266 |
| | | | | RAS rotary sanders | 186 |

[illegible]

General notes on this catalogue:

1. When using Festool products such as pneumatic and electric power tools together with accessories and consumable materials or when machining hazardous materials, please remember that suitable protective devices or personal protective equipment is required. For further information, please refer to the relevant safety documentation and if you have questions, consult the relevant supervisory authority.
2. Machining specifications included in the catalogue, such as quantity specifications, time savings, coverage capacities, etc are average values and may deviate significantly, depending on the material being processed. The manufacturer does not guarantee that the values in each individual case will be achieved. Your Festool specialist dealer will be glad to answer any queries you may have concerning this matter.
3. All trade mark rights, patent rights and other commercial rights mentioned in this catalogue remain the property of the relevant beneficiary, even in cases where this is not explicitly stated. The use of brand names, trade names, trade marks, etc in this catalogue (even if not identified as such) does not render these names exempt from trade mark protection and does not therefore authorise anyone to use them.
4. We reserve the right to make modifications, especially to technical data or specifications, without prior notification. Individual features may vary in accordance with country-specific conditions.
5. All illustrations are for information only and without responsibility. In some cases, the components or parts illustrated may not be included in the scope of the equipment series. If you have any queries, please consult your Festool specialist dealer.
6. We accept no liability for any errors or omissions.
7. Please consult the current recommended retail price list including statutory tax rates.
8. Safety: all electric power tools and pneumatic tools listed in this catalogue comply with valid IEC or EN safety standards, depending on the machine type (IEC/EN 50 144, IEC/EN 60 745, IEC/EN 60 355 or EN 792, IEC/CISPR/EN 55 014, IEC/EN 61 000-3)
9. CE conformity: all electric power tools and pneumatic tools listed in this catalogue comply with the conditions of the applicable EU directives (machine directive 98/37/EC, low voltage directive 73/23/EEC and EMC directive 89/336/EEC).
10. ISO certification: all electric power tools and pneumatic tools listed in this catalogue are manufactured in our production plants, which are all ISO 9001 certified.
11. Insulation: the electric power tools listed in this catalogue are totally insulated (in accordance with safety class 2).
12. The machine weights specified in the catalogue usually refer to the weight of a machine ready for use and with a standard tool attached, but without a cable, accessories or consumable materials. Please remember that specified weights may deviate from the specifications detailed in the catalogue, depending on the tool, battery pack, accessories or other additional parts.



One click to help you move forwards:

www.festool.com.au

Visit us for online purchases and comprehensive information on all Festool products, including the complete range of accessories, 3-D animation, dealer search, service information and lots more.

Festool is at home all over the world

International addresses



Argentina

REHAU S.A.
Cuyo 1900
B1640GHV Martínez
Prov. de Buenos Aires
Tel. 0054-11 4898-6000
Fax 0054-11 4898-6001
karina.martinez@rehau.com
www.rehau.com



Denmark

Tooltechnic Systems ApS
Postboks 1242
2300 København
Tel. 0045-44 84 20 24
Fax 0045-44 84 20 44
info-dk@tts-festool.com
www.festool.dk



India

RAI Automotive Systems
302-303, Competent House
F 14 Middle Circle
Connaught Place
110001 New Delhi
Tel. 0091-11 23 35 64 84
Fax 0091-11 23 35 24 81
anj_infra@yahoo.co.in



Canada (Automotive)

EFQ Equipment de Finition du Quebec Inc.
2323 43rd ave - Lachine pq
H8T 2K1 Montreal
Tel. 001-514 422 0433
Fax 001-514 422 8522
martin@efqinc.com



Australia

Tooltechnic Systems (AUST) PTY LTD
63-65 Quantum Close
Dandenong South, Vic 3164
Tel. 0061-3-9799 9733
Fax 0061-3-9799 9766
festool@tooltechnic.com.au
www.festool.com.au



Germany

TTS Tooltechnic Systems Deutschland GmbH
Markenvertrieb FESTOOL
Wertstraße 20
73240 Wendlingen
Tel. 0049 (0) 180-3 77 63 48
Fax: 0049 (0) 7024-804-608
info@tts-festool.com
www.festool.de



Indonesia

Heap Seng Heng Paints Sdn Bhd.
Att. Jacy Liao
Batu Caves Ind. Estate
Lot 10, Jalan Perusahaan 4
68100 Batu Caves, Selangor
Tel. 0060-361887005
Fax 0060-361886081
mlew@tm.net.my
www.hsh-paints.com



Canada (Wood)

Häfele Canada, Inc.
5823 John Lucas Drive
L7L 6A8 Burlington, Ontario
Tel. 001-905 336 6608
Fax 001-905 319 4446
sgains@hafeleamericas.com



Belgium

Tooltechnic Systems (Belgium) S.A.
101, rue Colonel Bourg
1030 Bruxelles
Tel. 0032-2-702-32-38
Fax 0032-2-726-98-81
jja@tts-festool.com
www.festool.be



Estonia

Tööriista & Tehnika OÜ
Pärnu mnt 142
11317 Tallinn
Tel. +372 6 115 702
Fax +372 6 115 703
tooltechnic@tooltechnic.ee
www.tooltechnic.ee



Iran

ATEL Group Ltd.
Vali Asr Ave. Opposite Saeed Park
Sepehreh Saeed Tower 17th floor, #1702
Tehran
Tel. +98 (21) -8704665
Fax +98 (21) -8704669
iran@atel-international.com
www.atel-international.com



Croatia

ALAGO d.o.o.
Festool Att. Ing. Lj. Gotovac
Horvati 112
10436 Rakov Potok Zagreb
Tel. 00385-1-65 39 392
Fax 00385-1-65 39 393
alago@zg.htnet.hr



Bosnia Herzegovina

TS „MAJO“ D.O.O.
Anke Drakulic 40
78000 Banja Luka
Tel. 00387-51 458 525
Fax 00387-51 458 535
majo.doo@siol.net
www.majo.si



Finland

Tooltechnic OY
Mäkituvantie 7
01510 Vantaa
Tel. 00358-982547-10
Fax 00358-982547-120
tooltechnic@tooltechnic.fi
www.tooltechnic.fi



Ireland

FLANNERY TOOLTECHNICAL LIMITED
28, Cambridge Avenue
Ringsend
Dublin 4
Tel. 00353-1-66 70 082
Fax 00353-1-66 83 023
tooltechnic@iol.ie
www.festool.ie



Latvia

FESTO SIA
A. Deglava 60
LV-1035 Riga
Tel. 0037-12 577-864
Fax 0037-12 577-946
juris.ceplitis@festo.com



Brazil

Ferramak
Rua 2 de Setembro
3715-Itoupava Norte
89053-200 Blumenau, SC
Tel. 0055-4732350 05
Fax 0055-4732332 31
markus@ferramak.com.br
www.festool.com.br



France

Tooltechnic Systems E.U.R.L.
Marque Festool
47 Grande Allée du 12 Février 1934
Noisiel
77448 Marne la Vallée Cedex 2
Tel. 0033-1-60066430
Fax 0033-1-60066226
bkru@tts-festool.com
www.festool.fr



Iceland

ISOL Ltd.
P.O. Box 8436
128 Armuli 17 Reykjavik
Tel. 00354-533-12 34
Fax 00354-568-04 99
isol@isol.is
www.isol.is



Lebanon

General Paint
P.O. Box 7623
Beirut-Lebanon
Tel. 00961-5-452 274
Fax 00961-5-452 583
genpaint@dm-net.lb



Brazil

Toolsystem Comercial Ltda.
Ferramentas e dispositivos
Rua Simão Álvares, 358 - Pinheiros
05417-020 Sao Paulo, SP
Tel. 0055-11-30609300
Fax 0055-11-30609544
toolsystem@toolsystem.com.br



Greece

AXXION S.A.
Festool Division
26, Thessalonikis Street
14342 N. Philadelphia Athens
Tel. 0030-21-02533710
Fax 0030-21-02589097
festool@otenet.gr
www.festool.gr



Israel

Abraham I. Sherizly & Son Ltd.
St. Amelacha No. 2
Ezore Tasia Zafone Lod
Tel. 00972-8-92 33 777
Fax 00972-8-92 34 477
sherizly@internet-zahav.net



Lithuania

UAB TTS Tooltechnic Systems
Karaliaus Mindaugo pr. 21
44295 Kaunas
Tel. 00370-37-321316
Fax 00370-37-323848
info-lt@tooltechnicsystems.com
www.festool.lt



Bulgaria

Tooltechnic Systems EOOD
Tintjova 15-17
1113 Sofia
Tel. 00359-2-96 00 741
Fax 00359-2-96 00 743
georgid@festool.com
www.festool.com



Great Britain

Minden Ind. Ltd.
Saxham Business Park
Bury St. Edmunds
Suffolk IP28 6RX
Tel. 0044-1284-7607 91
Fax 0044-1284-7021 56
info@minden-ind.co.uk
www.festool.co.uk



Italy

Tooltechnic Systems S.r.l.
Via Enrico Fermi 36/38
20090 Assago MI
Tel. 0039-02-457881
Fax 0039-02-48841 528
gmo@tts-festool.com
www.festool.it



Malaysia

Heap Seng Heng Paints Sdn Bhd.
Att. Jacy Liao
Batu Caves Ind. Estate
Lot 10, Jalan Perusahaan 4
68100 Batu Caves, Selangor
Tel. 0060-361887005
Fax 0060-361886081
mlew@tm.net.my
www.hsh-paints.com



China

Festo (China) Ltd.
1156 Yunqiao Road
Jinqiao Export Processing Zone
201206 Shanghai (Pudong)
Tel. 0086-21-58 34 01 77
Fax 0086-21-58 34 11 91
festotol@public.bta.net.cn



Hong Kong

Tack Sang Machinery (H.K.) Ltd.
Unit 8, 11/F., Treasure Center
42 Hung to Road
Kwun Tong, Kowloon
Tel. 00852-24150023
Fax 00852-24152327
tscmm@netvigator.com



Japan

EF TOOL Ltd.
1-26-10 Hayabuchi
Tsuzuki-ku
224-0025 Yokohama
Tel. 0081-45-591-70 25
Fax 0081-45-591-70 35
eftool@fa.mbn.or.jp
www.eftool.jp



Malta

PIOVE HOLDINGS Ltd.
43, Triq id-Dielja
Qormi QRM 04
Tel. 00356-21 44 67 98
Fax 00356-21 44 44 76
piove@usa.net